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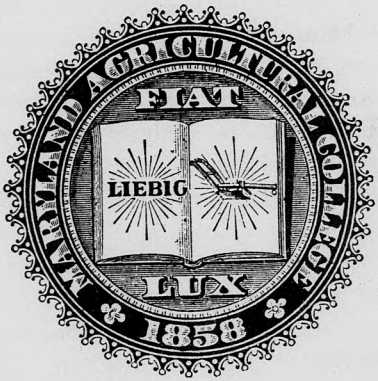

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ADDRESS

Chemical Department, Maryland Agricultural College,

COLLEGE PARK, MD.

ANALYSIS OF

Commercial Fertilizers Sold in Maryland

BY THE CHEMICAL DEPARTMENT OF

THE MARYLAND AGRICULTURAL COLLEGE.

DR. H. B. McDONNELL, State Chemist.
J. B. ROBB, M. S., Assistant Chemist.
A. B. FOSTER, B. S., Assistant Chemist.
R. H. KERR, B. S. Assistant Chemist.
WM. R. WHARTON, B. A., Assistant Chemist.

The tables on the following pages are made up of the results of the analysis of fertilizers made at the College from *March to June*, 1904, inclusive.

The majority of the samples analyzed are obtained by our sampling agents, the samples being taken while the goods are in transit, on vessels, wharves, cars, at stations, from farmers' wagons, barns, etc. It is impossible for us to analyze all the samples we collect; duplicates are generally omitted.

When a sample has been sent in by a farmer his name appears after the place of sampling. No sample is analyzed unless fully described on blanks furnished by this Department. The description is not sent in, however, till after the analysis is reported.

No samples are accepted from manufacturers or their agents under any circumstances.

The figures in the columns headed "Ammonia," "Potash" and "Phosphoric Acid" are percentages, or pounds per hundred. To get pounds per ton multiply the figures by 20. The columns headed "Found" contain the results found by analysis; those headed "Guaranteed" contain the essential part of the guarantee as stamped on the bags.

The columns headed "No." contain the respective numbers by which the samples are known in the laboratory. In writing to the Chemical Department in regard to any analysis the number should always be given. The samples are numbered consecutively on the books of the office, but are arranged alphabetically for publication, which accounts for the mixing up of the numbers.

The "Comparative Value Found" and the "Comparative Value Guaranteed" are calculated, the former from the analysis found, the latter from the analysis guaranteed on the bags, using the following schedule:

In Mixed Fertilizer:	
For Nitrogen, calculated as Ammonia	17 1-2 cts. per pound.
For Potash (K_2O), in forms free from muriate	6 cts. per pound.
For Potash (K_2O), as muriate, or Kainit	5 cts. per pound.
For Available Phosphoric Acid	5 cts. per pound.
For Insoluble Phosphoric Acid	2 cts. per pound.
For Insoluble Phosphoric Acid when from S. C. Rock	1 cts. per pound.
In Dissolved S. C. Rock:	
Available Phosphoric Acid	4 cts. per pound.
In Ground Bone:	
For Nitrogen, calculated as Ammonia, in "Fine" Bone	16 cts. per pound.
For Nitrogen, calculated as Ammonia, in "Fine Medium" Bone	14 cts. per pound.
For Nitrogen, calculated as Ammonia, in "Medium" Bone	12 cts. per pound.
For Nitrogen, calculated as Ammonia, in "Coarse" Bone	10 cts. per pound.
For Phosphoric Acid in "Fine" Bone	5 cts. per pound.
For Phosphoric Acid in "Fine Medium" Bone	4 cts. per pound.
For Phosphoric Acid in "Medium" Bone	3 cts. per pound.
For Phosphoric Acid in "Coarse" Bone	2 cts. per pound.
In Tankage and Ground Fish:	
For Nitrogen, calculated as Ammonia	15 cts. per pound.
For Phosphoric Acid	3 cts. per pound.

In using the above schedule *all fertilizers containing less than one per cent. of ammonia will be given the rock valuation of four cents per pound on the available phosphoric acid.*

The "comparative values" given in the table are not claimed to be the proper prices to be paid for the various fertilizers at the place of sale or use; this varies considerably, depending on the market prices of the ingredients, freight, commissions, size of order, cash or credit, etc.

Sliding-scale guarantees (the use of a maximum as well as a minimum guarantee), as "ammonia 1 to 3 per cent." is unlawful. The penalty for the first offense is $100 fine.

It is unlawful to sell any brand of commercial fertilizer before the license for the same has been obtained from the Comptroller. When the license is paid by the manufacturer it is not necessary for his agents to obtain another license for the same brands. If, however, the manufacturer resides out of the State, and does not pay the license, each agent selling the goods, or offering the same for sale, is held responsible for the license.

No.	Name and Address of Manufacturer.	Name of Fertilizer.	Place of Sampling, (and Sampler, when not the College.)
12314	Amer. Agr'l Chemical Co., New York.	Big Crop Phosphate	Baltimore
12390	" " "	Crop Grower	Hampstead
12468	" " "	Dissolved Animal Bone	Baltimore
12378	" " "	Fine Ground Bone	Silver Springs
12377	" " "	Gem Alkaline Phosphate	Baltimore
12408	" " "	H. G. Dissolved Bone and Potash.	Graceham
12288	" " "	Pure Ground Bone	Baltimore
12458	" " "	S. C. Rock	Westminster
12315	" " "	Special Potash Mixture	Baltimore
12349	A. A. C. Co. (Canton) Baltimore, Md.	Baker's Dissolved S. C. Bone.	Baltimore
12274	" " "	Baker's Fish Guano	Baltimore
12350	" " "	Baker's Standard H. G. Guano.	Baltimore
12383	" " "	Baker's Wheat, Corn and Grass Mixture.	Baltimore
12351	" " "	C. C. C. Special Compound	Baltimore
12380	" " "	Eagle Phosphate	Baltimore
12469	" " "	Harrow Brand Crop Grower.	Baltimore
12381	" " "	Patrons Bone Mixture	Baltimore
12316	" " "	Potato Manure	Baltimore
12382	" " "	Soluble Alkaline Bone	Baltimore
12352	" " "	Soluble Bone and Potash	Baltimore
12269	" " "	Truckers Delight	Baltimore
12441	A. A. C. Co. (Detrick) Baltimore, Md.	Ammoniated Bone Phos.	Chestertown
12317	" " "	Bone and Potash Mixture	Baltimore

No.	NITROGEN Calculated as AMMONIA.		POTASH, K_2O.		PHOSPHORIC ACID.					Comparative Value per Ton Found.	Comparative Value per Ton Guaranteed.
					Insoluble Found.	Available.		Total.			
	Found.	Guaranteed.	Found.	Guaranteed.		Found.	Guaranteed.	Found.	Guaranteed.		
12314	.....	.....	4.49	5.00	.28	8.56	8.00	8.86	.....	$11.41	$11.40
12390	1.33	1.00	1.45	1.00	1.15	7.70	7.00	8.85	.....	14.27	11.50
12468	2.54	2.50	.....	.....	2.20	12.50	12.00	14.70	.....	22.27	20.75
12378	3.02	3.00	.....	.....	.....	.....	.....	25.28	29.80	30.62	.....
12377	.....	.....	3.01	3.00	.25	7.34	6.00	7.59	.....	8.93	7.80
12408	.....	.....	5.31	5.00	.73	12.69	12.00	13.42	.....	15.61	14.60
12288	4.25	4.00	.....	.....	.....	.....	.....	22.71	20.60	30.00	.....
12458	.....	.....	.....	.....	1.35	14.74	14.00	16.09	.....	11.79	11.20
12315	1.30	1.00	7.84	7.00	1.25	9.10	9.00	10.35	.....	21.99	19.50
12349	.....	.....	.....	.....	1.30	14.44	14.00	15.74	.....	11.55	11.20
12274	1.89	2.00	2.20	2.00	1.58	8.56	8.00	10.14	.....	18.01	17.00
12350	2.80	2.50	3.38	3.00	.78	8.35	8.00	9.13	.....	21.84	18.75
12383	1.14	1.00	2.22	2.00	.85	9.37	9.00	10.22	.....	15.92	14.50
12351	2.52	2.50	5.87	6.00	1.25	8.30	8.00	9.55	.....	23.59	22.75
12380	1.24	1.00	1.67	1.00	1.25	8.18	7.00	9.43	.....	14.69	11.50
12469	1.29	1.00	1.36	1.00	.30	8.41	8.00	9.21	.....	14.61	12.50
12381	2.42	2.00	2.51	2.50	7.05	7.64	5.00	14.69	.....	21.44	14.50
12316	1.72	1.50	5.02	5.00	1.15	6.58	6.00	7.73	.....	18.08	16.25
12382	.....	.....	3.09	3.00	.50	13.04	12.00	13.54	.....	13.62	12.60
12352	.....	.....	2.03	2.00	.55	10.76	10.00	11.31	.....	10.75	10.00
12269	4.67	5.00	6.07	5.00	.87	7.99	7.00	8.86	.....	30.76	29.50
12441	1.82	1.50	2.37	2.00	.78	9.14	9.00	9.92	.....	18.19	16.25
12317	.....	.....	2.28	2.00	.43	11.01	11.00	11.44	.....	11.18	10.80

No.	Name and Address of Manufacturer.	Name of Fertilizer.	Place of Sampling (and Sampler when not the College.)
12384	A. A. C. Co. (Detrick).	Corn and Oat Fertilizer...	Baltimore.....
12402	" " "	Corn and Tomato.....	Snow Hill.....
12318	" " "	Dissolved S. C. Bone.....	Baltimore.....
12385	" " "	Farmers New Method Phosphate.	Silver Springs ....
12291	" " "	Gold Basis.....	Baltimore.....
12290	" " "	Gold Eagle.....	Baltimore.....
12386	" " "	H. G. B. & P. Special Fertilizer.	Baltimore.....
12409	" " "	Imperial Compound.....	Mt. Airy.....
12262	" " "	K. K. K. Kangaroo Kom-plete Kompound.	Baltimore.....
12313	" " "	Orchilla Guano.....	Baltimore.....
12248	" " "	Paragon Ammo. Bone Phosphate and Potash.	Mt. Airy.....
12273	" " "	Quick-step Bone Phos....	Baltimore.....
12442	" " "	Royal Crop Grower.....	Pocomoke City.....
12319	" " "	Soluble Bone Phosphate and Potash.	Baltimore.....
12423	" " "	Special Mixture.....	Smithsburg.....
12424	" " "	Standard Potash.....	Cumberland.....
12353	" " "	Vegetable Compound.....	Baltimore.....
12410	" " "	Vegetator Ammo. Super Phosphate.	Mt. Airy.....
12470	A. A. C. Co. (Lazaretto).	Alkaline Bone.....	Baltimore.....
12388	" " "	Ammo. Bone and Potash.	Baltimore .....
12392	" " "	Ammo. Bone Phosphate..	Hampstead .....
12389	" " "	Bone Compound.....	Baltimore.....
12471	" " "	Crop Grower.....	Baltimore.....

No.	NITROGEN Calculated as AMMONIA.		POTASH, K_2O.		PHOSPHORIC ACID.					Comparative Value per Ton Found.	Comparative Value per Ton Guaranteed.
					Insoluble Found.	Available.		Total.			
	Found.	Guaranteed.	Found.	Guaranteed.		Found.	Guaranteed.	Found.	Guaranteed.		
12384	1.18	1.00	3.48	3.00	.73	9.62	9.00	10.35	.....	$17.52	$15.50
12402	1.26	1.00	3.24	3.00	.88	9.47	9.00	10.35	.....	17.47	15.50
12318	.....	.....	.....	.....	1.53	14.56	14.00	16.09	.....	11.65	11.20
12385	2.55	2.50	.....	.....	1.50	8.37	8.00	9.87	.....	17.90	17.55
12291	7.02	7.00	5.71	5.00	1.37	7.24	6.00	8.61	.....	38.07	35.50
12290	3.33	3.00	6.52	6.00	1.56	7.15	6.00	8.71	.....	25.95	22.50
12386	.....	.....	4.70	5.00	.80	13.06	12.00	13.86	.....	15.31	14.60
12409	1.28	1.00	2.42	2.00	1.13	8.69	8.00	9.82	.....	16.04	13.50
12262	2.06	2.00	3.08	3.00	1.50	8.51	8.00	10.01	.....	19.40	18.00
12313	.....	.....	.....	.....	9.53	9.15	14.00	18.68	.....	7.32	11.20
12248	1.48	1.00	1.31	1.00	1.43	8.09	7.00	9.52	.....	14.94	13.50
12273	3.30	3.00	4.10	4.00	1.25	8.38	8.00	9.63	.....	24.53	22.50
12442	1.96	2.00	2.42	2.00	2.00	8.44	8.00	10.44	.....	18.52	17.00
12319	.....	.....	2.12	2.00	.45	10.01	10.00	10.46	.....	10.22	10.00
12423	1.24	1.00	1.45	1.00	1.03	8.35	8.00	9.38	.....	14.55	12.50
12424	1.47	1.50	5.24	5.00	1.00	7.47	6.00	8.47	.....	18.24	16.25
12353	7.12	7.00	5.08	5.00	1.50	8.69	6.00	10.19	.....	39.29	35.50
12410	2.54	2.50	3.07	3.00	.68	8.31	8.00	8.99	.....	20.54	19.75
12470	.....	.....	3.13	3.00	.50	12.76	12.00	13.26	.....	13.44	12.60
12388	1.14	1.00	2.29	2.00	1.13	8.35	8.00	9.48	.....	15.08	13.50
12392	1.31	1.00	2.36	2.00	1.05	8.48	8.00	9.53	.....	15.85	13.50
12389	2.18	1.25	3.67	3.00	1.23	9.05	9.00	10.28	.....	20.84	16.38
12471	2.01	2.00	2.80	2.00	1.08	8.73	8.00	9.81	.....	19.00	17.00

No.	Name and Address of Manufacturer.	Name of Fertilizer	Place of Sampling. (and Sampler when not the College.)
12411	A. A. C. Co., (Lazaretto).	Dissolved Bone and Potash	Graceham.....
12412	" " "	H. G. Dissolved Bone Phosphate and Potash.	Graceham.....
12472	" " "	Dissolved Bone Phosphate	Baltimore.....
12268	" " "	Early Trucker.....	Baltimore.....
12354	" " "	Forsythe & Linthicum Mixture.	Baltimore.....
12355	" " "	Retriever Animal Bone Fertilizer.	Baltimore.....
12391	" " "	Special Potato and Tobacco Grower.	Taneytown.....
12320	" " "	Special Potato and Tomato Fertilizer.	Baltimore.....
12292	" " "	Tomato Compound.....	Baltimore.....
12356	" " "	Truckers Favorite.....	Baltimore.....
12425	A. A. C. Co., (Maryland).	Alkaline Bone.....	Smithsburg.....
12250	" " "	Alkaline Bone.....	Baltimore.....
12473	" " "	Ammoniated Bone.....	Baltimore.....
12357	" " "	Dissolved S. C. Bone.....	Baltimore.....
12426	" " "	Bono Super Phosphate...	Smithsburg.....
12474	" " "	Sangston Cereal and Plant Food.	Baltimore.....
12475	A. A. C. Co., (Nickerson).	Acid Phosphate.....	Baltimore.....
12427	" " "	Advance Guano.....	Smithsburg.....
12321	" " "	Alkaline Bone and Potash	Baltimore.....
12294	" " "	Early Queen.....	Baltimore.....
12293	" " "	English Mixture.....	Baltimore.....
12358	" " "	H. G. Vegetable Compound.	Baltimore.....
12322	" " "	Truck Guano.....	Baltimore.....

No.	NITROGEN Calculated as AMMONIA.		POTASH, K_2O.		PHOSPHORIC ACID.					Comparative Value per Ton Found.	Comparative Value per Ton Guaranteed.
					Insoluble Found.	Available.		Total.			
	Found.	Guaranteed.	Found.	Guaranteed.		Found.	Guaranteed.	Found.	Guaranteed.		
12411	.....	.....	2.23	2.00	.40	10.45	10.00	10.85	.....	$10.67	10.00
12412	.....	.....	3.05	3.00	.50	13.09	12.00	13.59	.....	13.62	12.60
12472	.....	.....	.....	.....	.75	14.60	14.00	15.35	.....	11.68	11.20
12268	4.94	5.00	6.45	5.00	1.27	7.70	7.00	8.97	.....	31.95	29.50
12354	2.61	2.25	4.30	4.00	1.58	11.91	9.00	13.49	.....	25.98	22.68
12355	2.51	2.25	4.31	4.00	1.90	11.53	9.00	13.43	.....	25.39	22.68
12391	1.31	1.00	4.13	4.00	1.10	7.75	8.00	8.85	.....	16.91	15.50
12320	1.35	1.00	4.07	4.00	1.20	7.88	8.00	9.08	.....	17.16	15.50
12292	1.70	1.50	5.29	5.00	1.05	6.53	6.00	7.58	.....	18.19	16.25
12356	7.04	7.00	5.03	5.00	1.50	8.42	6.00	9.92	.....	38.69	35.50
12425	.....	.....	2.94	3.00	.15	7.22	12.00	7.37	.....	8.75	12.60
12250	.....	.....	3.26	3.00	.40	12.44	12.00	12.84	.....	13.29	12.60
12473	2.37	2.00	3.54	3.00	1.50	8.34	8.00	9.84	.....	20.78	18.00
12357	.....	.....	.....	.....	.82	14.72	14.00	15.57	.....	11.78	11.20
12426	.....	.....	2.10	2.00	.40	11.58	10.00	11.98	.....	11.44	10.00
12474	1.57	1.50	2.53	2.00	1.44	9.01	9.00	10.45	.....	17.62	16.25
12475	.....	.....	.....	.....	2.33	13.19	14.00	15.52	.....	10.55	11.20
12427	1.23	1.00	1.36	1.00	.83	8.17	7.00	9.00	.....	14.17	11.50
12321	.....	.....	2.07	2.00	.70	10.49	10.00	11.19	11.00	10.60	10.20
12294	5.22	5.00	5.62	5.00	1.49	7.70	7.00	9.19	.....	32.19	29.50
12293	1.39	1.00	2.08	2.00	1.25	7.89	8.00	9.14	.....	15.34	13.50
12358	6.84	7.00	5.83	5.00	1.63	7.35	6.00	8.98	.....	37.77	35.50
12322	2.18	2.00	2.35	2.00	1.63	8.02	8.00	9.65	.....	18.65	17.00

No.	Name and Address of Manufacturer.	Name of Fertilizer.	Place of Sampling, (and Sampler when not the College.)
12393	A. A. C. Co., (Packers Union).	Acidulated Bone.....	Melrose ....
12394	" " "	Banner Wheat Grower...	Melrose ....
12467	A. A. C. Co., (Reese).....	Crown Phosphate and Pot.	Providence .....
12476	" " "	Dis. Phosphate of Lime..	Baltimore .....
12296	A. A. C. Co., (Sharpless & Carpenter).	Soluble Tampico Guano ..	Baltimore .....
12259	A. A. C. Co., (Slingluff)..	Tobacco Plant Bed Fertz.	Baltimore .....
12281	" " "	Top Dresser.....	Baltimore .....
12289	" " "	Truckers Favorite.....	Baltimore .....
12477	A. A. C. Co., (Susquehanna)	Alkaline Bone Phosphate	Baltimore .....
12478	" " "	Ammoniated Bone Phos..	Baltimore .....
12479	" " "	Potato and Tobacco.....	Baltimore .....
12480	" " "	Potato Phosphate.....	Baltimore .....
12359	" " "	Pure Bone Phosphate....	Baltimore .....
12481	" " "	Superior Rock Phosphate.	Baltimore .....
12482	A. A. C. Co., (Tygert Allen)	5% Guano.....	Baltimore .....
12270	" " "	7% Guano.....	Baltimore .....
12483	" " "	Standard Bone Phosphate	Baltimore .....
12443	" " "	Star Dissolved S. C. Bone	Pocomoke City....
12245	" " "	Star Dissolved S. C. Bone	Baltimore .....
12360	" " "	Star Soluble Bone and Potash.	Baltimore .....
12361	A. A. C. Co., (Wheeler)...	Bone and Potash.....	Baltimore .....
12428	" " "	Corn Fertilizer.....	Oakland.....
12362	" " "	Electrical Dissolved Bone	Baltimore .....

No.	NITROGEN Calculated as AMMONIA.		POTASH K_2O.		PHOSPHORIC ACID.					Comparative Value per Ton Found.	Comparative Value per Ton Guaranteed.
					Insoluble Found.	Available.		Total.			
	Found.	Guaranteed.	Found.	Guaranteed.		Found.	Guaranteed.	Found.	Guaranteed.		
12393	.....	.....	.....	.....	.63	14.88	14.00	15.51	.....	$11.90	$11.20
12394	.....	.....	1.80	2.00	.63	11.81	10.00	12.44	.....	11.38	10.00
12467	.....	.....	2.19	2.00	.28	11.77	11.00	12.05	.....	11.67	10.80
12476	.....	.....	.....	.....	.23	14.10	14.00	14.33	15.00	11.28	11.20
12296	4.01	4.00	6.55	7.00	1.43	8.83	8.00	10.26	9.00	29.99	29.40
12259	10.02	10.00	3.25	2.50	1.10	5.68	4.00	6.78	.....	45.09	41.50
12281	5.36	5.00	2.88	2.50	.30	6.19	5.00	6.49	.....	27.95	25.00
12289	3.53	3.75	3.04	3.00	1.43	9.87	9.00	11.30	.....	25.84	25.13
12477	.....	.....	2.32	2.00	.38	10.02	10.00	10.40	.....	10.42	10.00
12478	2.01	2.00	2.11	2.00	1.70	9.26	8.00	10.96	.....	19.09	17.00
12479	2.02	2.00	5.24	5.00	1.70	8.03	8.00	9.73	.....	21.02	20.00
12480	2.01	2.00	5.30	5.00	.78	8.12	8.00	8.90	9.00	20.77	20.40
12359	2.44	2.00	2.20	2.00	3.83	9.56	9.00	13.39	.....	21.83	18.00
12481	.....	.....	.....	.....	.40	15.02	14.00	15.42	.....	12.02	11.20
12482	5.01	5.00	5.51	5.00	2.60	7.26	7.00	9.86	.....	31.35	29.50
12270	6.72	7.00	5.30	5.00	1.18	6.97	6.00	8.15	.....	36.26	35.50
12483	1.79	2.00	2.16	2.00	.93	9.18	8.00	10.11	.....	17.98	17.00
12443	.....	.....	.....	.....	.78	13.18	14.00	13.96	.....	10.54	11.20
12245	.....	.....	.....	.....	.95	14.12	14.00	15.07	.....	11.30	11.20
12360	.....	.....	2.11	2.00	.53	10.99	10.00	11.52	.....	11.01	10.00
12361	.....	.....	3.05	3.00	.60	12.56	12.00	13.16	.....	13.22	12.60
12428	2.05	2.00	2.06	2.00	.68	9.48	8.00	10.16	.....	18.99	17.00
12362	.....	.....	.....	.....	.68	15.03	14.00	15.71	.....	12.02	11.20

No.	Name and Address of Manufacturer.	Name of Fertilizer.	Place of Sampling. (and Sampler when not the College.)
12363	A. A. C. Co., (Wheeler)...	H. G. Tomato Fertilizer..	Baltimore.....
12323	" " "	Potato Manure.....	Baltimore.....
12429	" " "	Royal Wheat Grower.....	Oakland.....
12364	" " "	Superior Truck	Baltimore.....
12395	" " "	Wheat and Clover Fertz.	Maplegrove.....
12324	A. A. C., Co., (Zell).....	Ammo. Bone Super Phos.	Baltimore.....
12325	" " "	Dissolved Bone Phosphate	Baltimore.....
12326	" " "	Economizer Phosphate...	Baltimore.....
12327	" " "	Electric Phosphate.....	Baltimore.....
12484	" " "	Hustler Phosphate.....	Baltimore.....
12396	" " "	Little Giant.....	Taneytown.....
12444	" " "	Pure Ground Bone.....	Catonsville.....
12297	" " "	Spec. Compound for Potatoes and Vegetables.	Baltimore.....
12445	Armour Fertilizer Works, Baltimore, Md.	All Soluble.....	Chestertown.....
12416	" " "	Ammo. Bone with Potash	Greensboro.....
12258	" " "	Bone, Blood and Potash..	Baltimore.....
9625	" " "	Bone Meal.....	Massey.....
12267	" " "	Fish Tankage.....	Baltimore.....
12257	" " "	Fruit and Root Crop Special.	Baltimore.....
12485	" " "	Grain Grower.....	Baltimore.....
12255	" " "	H. G. Potato Fertilizer...	Baltimore.....
12417	" " "	Manure Substitute.....	Greensboro.....
12430	" " "	Phosphate and Potash No. 1.	Breathedsville.....

No.	NITROGEN Calculated as AMMONIA.		POTASH K_2O.		PHOSPHORIC ACID.					Comparative Value per Ton Found.	Comparative Value per Ton Guaranteed.
					Insoluble Found.	Available.		Total.			
	Found.	Guaranteed.	Found.	Guaranteed.		Found.	Guaranteed.	Found.	Guaranteed.		
12363	1.35	1.00	2.10	1.00	1.30	8.05	7.00	9.35	.....	$15.40	$11.50
12323	2.72	2.50	3.07	3.00	1.05	8.40	8.00	9.45	.....	21.41	19.75
12429	1.01	1.00	2.01	2.00	.83	9.90	8.00	10.73	.....	15.78	13.50
12364	4.01	4.00	7.56	7.00	1.35	8.60	8.00	9.95	.....	30.74	29.00
12395	.....	.....	2.26	2.00	.63	10.30	10.00	10.93	.....	10.63	10.00
12324	2.20	2.00	2.43	2.00	1.48	8.01	8.00	9.49	.....	18.73	17.00
12325	.....	.....	.....	.....	1.38	14.34	14.00	15.72	.....	11.47	11.20
12326	1.26	1.00	2.40	2.00	1.53	8.02	8.00	9.55	.....	15.44	13.50
12327	.....	.....	2.01	2.00	.48	10.09	10.00	10.57	.....	10.18	10.00
12484	1.22	1.00	3.09	3.00	1.23	9.44	9.00	10.67	.....	17.29	15.50
12396	1.28	1.00	1.45	1.00	1.08	7.70	7.00	8.78	.....	14.06	11.50
12444	4.75	4.00	.....	.....	.....	.....	.....	22.20	20.60	29.53	.....
12297	3.07	3.00	4.16	4.00	1.30	8.42	8.00	9.72	.....	23.85	22.50
12445	3.70	3.50	4.40	4.00	1.20	7.19	8.00	8.39	.....	25.02	24.25
12416	3.01	3.00	2.56	2.00	3.55	7.96	6.00	11.51	.....	22.48	18.50
12258	5.26	5.00	6.50	7.00	.53	9.49	8.00	10.02	.....	35.91	32.50
9625	3.35	3.00	.....	.....	.....	.....	.....	24.10	24.00	30.52	.....
12267	11.33	11.00	.....	.....	.....	.....	.....	7.01	.....	38.20	33.00
12257	2.16	2.00	5.03	5.00	1.04	9.65	8.00	10.69	.....	22.66	20 00
12485	2.16	2.00	2.46	2.00	1.83	8.74	8.00	10.57	.....	19.49	17.00
12255	2.41	2.00	10.02	10.00	1.15	8.63	8.00	9.78	.....	27.55	25.00
12417	4.02	4.00	4.80	4.00	2.93	7.50	6.00	10.43	.....	27.54	24.00
12430	....	.....	2.10	2.00	.35	9.59	8.00	9.94	.....	9.84	8.40

No.	Name and Address of Manufacturer.	Name of Fertilizer.	Place of Sampling (and Sampler when not the College.)
12486	Armour Fertilizer Works, Baltimore, Md.	Phosphate and Potash No. 2.	Baltimore
12256	" " "	Phosphoric Acid and Potash Fertilizer.	Baltimore
12399	" " "	Raw Bone Meal	Marley
12298	" " "	Royal Ammoniated Bone Fertilizer.	Baltimore
12365	" " "	7% Fertilizer	Baltimore
12201	" " "	Special Mixture	Greensboro (F. P. Roe & Bro.)
12487	" " "	Special Mixture	Baltimore
12418	" " "	Special Mixture No. 1	Goldsboro
12266	" " "	Star Phosphate Fertilizer	Baltimore
12419	" " "	Tomato Grower	Greensboro
12215	" " "	12 & 5	Greensboro (W. E. Orrell).
12328	" " "	Wheat Corn and Oat Special.	Baltimore
12432	Baltimore Fertilizer Co., Baltimore, Md.	H. G. Acid Phosphate	Laurel
12366	" " "	H. G. Soluble Bone and Potash.	Baltimore
12367	" " "	Homestead for general use.	Baltimore
12286	" " "	King of the Harvest	Baltimore
12433	" " "	Old Honesty, your moneys worth.	Laurel
12368	" " "	Old Honesty Bone Phos.	Baltimore
12498	" " "	Pure Fine Ground Bone Meal.	Baltimore
12283	" " "	Revenue	Baltimore
12249	" " "	Standard Unexcelled	Baltimore
12211	" " "	Success	Two Johns (J. P. Cook).
12282	" " "	Successful	Baltimore

No.	NITROGEN Calculated as AMMONIA.		POTASH, K_2O.		PHOSPHORIC ACID.					Comparative Value per Ton Found.	Comparative Value per Ton Guaranteed.
					Insoluble Found.	Available.		Total.			
	Found.	Guaranteed.	Found.	Guaranteed.		Found.	Guaranteed.	Found.	Guaranteed.		
12486	.....	.....	2.55	2.00	.90	10.37	10.00	11.27	.....	$11.03	$10.00
12256	.....	.....	5.31	5.00	.78	10.87	10.00	11.65	.....	14.17	13.00
12399	3.84	4.50	.....	.....	.....	.....	.....	25.18	22.00	32.34	.....
12298	1.14	1.00	4.09	4.00	1.10	8.67	8.00	9.77	.....	17.19	15.50
12365	7.08	7.00	5.25	5.00	.48	6.61	6.00	7.09	.....	36.83	35.50
12201	4.35	4.00	2.82	2.00	1.85	6.81	6.00	8.66	.....	25.60	22.00
12487	0.70	0.50	1.58	1.00	.90	7.63	8.00	8.53	.....	10.22	9.15
12418	3.72	4.00	10.02	10.00	.53	7.72	6.00	8.25	.....	30.97	30.00
12266	.....	.....	.....	.....	.28	14.95	14.00	15.23	.....	11.96	11.20
12419	2.01	2.00	2.47	2.00	.95	9.51	8.00	10.46	.....	19.40	17.00
12215	.....	.....	4.92	5.00	.35	12.90	12.00	13.25	.....	15.31	14.60
12328	1.18	1.00	1.27	1.00	.65	8.52	7.00	9.17	.....	14.18	11.50
12432	.....	.....	.....	.....	.63	14.06	14.00	14.69	.....	11.25	11.20
12366	.....	.....	1.81	2.00	.75	10.02	10.00	10.77	.....	9.98	10.00
12367	2.17	1.50	2.01	2.00	.83	8.53	8.00	9.36	.....	18.47	15.25
12286	1.01	1.00	3.55	3.00	.48	9.36	10.00	9.84	.....	16.64	16.50
12433	0.92	0.50	2.38	2.00	.38	7.50	8.00	7.88	.....	11.68	10.15
12368	0.85	0.25	2.01	1.00	1.13	7.61	7.00	8.74	.....	11.31	7.48
12498	3.84	4.00	.....	.....	.....	.....	.....	16.59	21.50	23.63	.....
12283	3.07	3.00	5.01	6.00	1.05	8.60	7.00	9.65	.....	24.78	23.50
12249	1.43	1.50	4.70	3.00	.43	9.52	10.00	9.95	.....	19.40	18.25
12211	0.87	1.00	4.82	5.00	1.50	7.67	7.00	9.17	.....	14.31	15.50
12282	1.42	1.00	5.02	5.00	1.03	7.05	7.00	8.08	.....	17.45	15.50

No.	Name and Address of Manufacturer.	Name of Fertilizer.	Place of Sampling (and Sampler when not the College.)
12499	Baltimore Pulverizing Co., Baltimore, Md.	Concentrated Cereal Plant Food.	Baltimore.....
9601	" " "	Eastern Shore Crop Grower.	Baltimore.....
12488	" " "	Farmers Favorite Fertz..	Baltimore.....
9602	" " "	General Crop Grower.....	Baltimore.....
9603	" " "	H. G. Potato Guano.....	Baltimore.....
12446	" " "	Penniman's Excelsior Fertilizer.	Rock Hall .....
12246	" " "	Penniman's Excelsior Fertilizer.	Baltimore.....
9624	" " "	Penniman's Special Guano	Fallston. .....
12276	" " "	Pure (Star) Dis. Animal Bone.	Baltimore.....
12369	" " "	Royal Tomato Compound.	Baltimore.....
12277	" " "	S. C. Bone Phosphate....	Baltimore.....
12329	" " "	6% Potato Guano.....	Baltimore.....
12272	" " "	Special (Star) Potato Mix.	Baltimore.....
12299	" " "	Special Spring Mixture...	Baltimore.....
12301	" " "	Special Strawberry Comp.	Baltimore.....
12300	" " "	Truckers Choice.....	Baltimore.....
12397	Baugh & Sons Company, Baltimore, Md.	Ammo. Soluble Alkaline..	Maplegrove.....
12330	" " "	Animal Bone and Potash Compound.	Baltimore.....
12331	" " "	Cabbage Guano	Baltimore.....
12332	" " "	Complete Animal Bone Compound.	Baltimore.....
12333	" " "	Corn Fertilizer.....	Baltimore.....
12431	" " "	Double Eagle Phosphate..	Oakland.... .....
12334	" " "	Fish Mixture.....	Baltimore.....

No.	NITROGEN Calculated as AMMONIA.		POTASH, K_2O.		PHOSPHORIC ACID.					Comparative Value per Ton Found.	Comparative Value per Ton Guaranteed.
					Insoluble Found.	Available.		Total.			
	Found.	Guaranteed.	Found.	Guaranteed.		Found.	Guaranteed.	Found.	Guaranteed.		
12499	7.38	8.00	4.48	4.00	.....	.....	.....	.....	.....	$30.31	$32.00
9601	.....	.....	3.01	.....	2.20	9.54	.....	11.74	.....	11.08	.....
12488	0.90	1.00	1.87	1.50	1.95	5.96	5.50	7.91	.....	11.76	10.50
9602	1.96	1.00	3.86	3.00	2.53	6.85	7.00	9.38	.....	18.58	13.50
9603	1.71	2.00	7.93	10.00	2.45	7.53	8.00	9.98	.....	22.43	25.00
12446	.....	.....	1.87	2.50	1.95	10.16	10.00	12.11	.....	10.39	10.50
12246	.....	.....	2.63	2.50	2.88	9.53	10.00	12.41	.....	10.83	10.50
9624	1.01	1.00	1.22	1.00	2.03	8.38	8.00	10.41	.....	13.95	12.50
12276	2.03	2.00	.....	.....	1.15	12.10	13.00	13.25	.....	19.67	20.00
12369	1.84	2.00	2.46	2.00	.88	8.56	8.00	9.44	.....	17.81	17.00
12277	.....	.....	.....	.....	.93	14.95	14.00	15.88	.....	11.96	11.20
12329	6.17	6.00	4.03	4.00	1.05	5.75	5.00	6.80	.....	31.80	30.00
12272	2.25	2.00	4.01	4.00	.78	6.45	5.50	7.23	.....	18.65	16.50
12299	.....	.....	1.77	1.00	1.57	8.02	8.00	9.59	9.00	8.50	7.60
12301	4.06	4.00	3.34	3.00	1.33	6.66	6.00	7.99	.....	24.74	23.00
12300	3.31	3.00	2.45	1.50	1.43	7.69	8.00	9.12	.....	22.30	20.00
12397	0.85	0.50	3.51	2.00	1.83	7.39	8.00	9.22	.....	12.77	10.15
12330	2.49	2.00	2.68	2.00	3.25	7.36	8.00	10.61	.....	20.06	17.00
12331	7.03	7.00	5.06	5.00	2.93	6.76	6.00	9.69	.....	37.60	35.50
12332	2.20	2.00	5.17	5.00	2.20	8.56	8.00	10.76	.....	22.31	20.00
12333	1.45	1.00	4.23	4.00	2.20	9.74	8.00	11.94	.....	19.93	15.50
12431	2.30	2.00	1.71	1.00	51.2	8.31	8.00	10.46	10.50	18.93	17.00
12334	2.01	2.00	2.64	2.00	3.08	8.14	8.00	11.22	.....	19.05	17.00

No.	Name and Address of Manufacturer.	Name of Fertilizer.	Place of Sampling (and Sampler when not the College.)
12302	Baugh & Sons Company, Baltimore, Md.	General Crop Grower.....	Baltimore.....
12335	" " "	Genuine Lobos Peruvian Guano.	Baltimore.....
12280	" " "	Ground Fish.....	Baltimore.....
12275	" " "	H. G. Acid Phosphate....	Baltimore.....
12279	" " "	H. G. Potato Guano.....	Baltimore.....
12336	" " "	H. G. Tobacco Guano....	Baltimore.....
12261	" " "	H. G. Truck Fertilizer...	Baltimore.....
12370	" " "	H. G. Vegetable Guano..	Baltimore.....
12400	" " "	New Jersey Top Dresser.	Brooklyn .....
12260	" " "	New Process 10% Guano.	Baltimore .....
12371	" " "	Peninsula Grain Grower..	Baltimore.....
12303	" " "	Potato Fertilizer.....	Baltimore.....
12287	" " "	Pure Dis. Animal Bone...	Baltimore.....
12278	" " "	Raw Bone Meal.....	Baltimore.....
9604	" " "	Robinson's Potato Fertz..	Baltimore.....
12489	" " "	Robinson's Tomato and Wheat Fertilizer.	Baltimore.....
9605	" " "	Robinson's Vegetable Compound.	Baltimore.....
12304	" " "	7% Guano.....	Baltimore .....
9606	" " "	Smith's Spring Trucker..	Baltimore.....
12337	" " "	Sol. Alkaline Super Phos.	Baltimore.....
12338	" " "	Special Manure for Melons	Baltimore.....
12213	" " "	Special Mixture.....	Catonsville..... (T. G. Larman).
12339	" " "	Special Mixture.....	Baltimore.....

No.	NITROGEN Calculated as AMMONIA.		POTASH, K_2O.		PHOSPHORIC ACID.					Comparative Value per Ton Found.	Comparative Value per Ton Guaranteed.
					Insoluble Found.	Available:		Total.			
	Found.	Guaranteed.	Found.	Guaranteed.		Found.	Guaranteed.	Found.	Guaranteed.		
12302	1.33	1.00	1.82	1.00	3.05	8.79	8.00	11.84	11.00	$16.49	$13.70
12335	3.26	3.64	3.52	3.50	11.53	12.07	.....	23.60	24.00	28.87	16.24
12280	10.80	10.00	.....	.....	.....	.....	.....	6.23	.....	36.14	30.00
12275	.....	.....	.....	.....	3.25	13.85	14.00	17.10	.....	11.08	11.20
12279	5.22	5.00	7.68	7.00	2.54	7.27	6.00	9.81	.....	34.24	30.50
12336	3.02	3.00	3.22	3.00	1.90	8.30	8.00	10.20	.....	22.85	21.50
12261	3.06	3.00	3.72	3.00	1.80	8.35	8.00	10.15	.....	23.50	21.50
12370	5.37	5.00	7.35	7.00	2.90	6.85	6.00	9.75	.....	34.16	30.50
12400	3.89	3.50	3.05	2.50	.75	6.22	5.00	6.97	.....	23.19	19.75
12260	10.01	10.00	2.84	2.50	1.04	6.55	5.00	7.59	.....	44.85	42.50
12371	1.71	1.00	2.65	2.00	2.45	8.06	8.00	10.51	11.00	17.68	14.70
12303	2.01	2.00	2.46	2.00	2.43	8.01	8.00	10.44	.....	18.48	17.00
12287	2.87	2.50	.....	.....	3.46	15.60	13.00	19.06	.....	27.03	21.75
12278	4.64	4.50	.....	.....	.....	.....	.....	21.26	21.50	32.75	.....
9604	1.43	1.00	5.25	5.00	4.68	5.16	5.00	9.84	.....	17.29	13.50
12489	2.01	2.00	2.62	2.00	3.13	9.07	8.00	12.20	.....	19.98	17.00
9605	2.05	2.00	3.26	2.00	3.03	8.15	9.00	11.18	.....	19.70	18.00
12304	7.40	7.00	5.37	5.00	3.16	7.21	6.00	10.37	.....	39.74	35.50
9606	2.69	2.00	4.89	5.00	2.87	8.03	8.00	10.90	.....	23.49	20.00
12337	.....	.....	2.26	2.00	1.75	8.38	10.00	10.13	.....	9.31	10.00
12338	4.02	4.00	4.93	4.00	1.78	8.17	10.00	9.95	.....	27.88	28.80
12213	3.82	4.00	11.40	10.00	1.95	8.66	9.00	10.61	.....	34.21	33.00
12339	.....	.....	6.64	5.00	2.05	11.94	12.00	13.99	.....	16.60	14.60

No.	Name and Address of Manufacturer.	Name of Fertilizer.	Place of Sampling, (and Sampler, when not the College.)
12340	Baugh & Sons Company, Baltimore, Md.	Special Potato Manure...	Baltimore.....
12341	" " "	Strawberry Mixture.....	Baltimore.....
12413	" " "	Sullivan's S. S. S.....	Monrovia.....
12342	" " "	Sweet Potato Guano.....	Baltimore.....
12285	" " "	10% Peruvian Guano.....	Baltimore.....
12343	" " "	The Old Stand-by, Raw Bone Super Phosphate.	Baltimore.....
12224	" " "	Tomato Compound.....	Manokin..... (Albert Sudler).
12344	" " "	Tomato Compound.....	Baltimore.....
9607	" " "	Turner's Truck Guano ...	Baltimore.....
9616	" " "	Vegetable Compound.....	Centerville.....
12447	Beck-Walker Co., Chestertown, Md.	Corn Super Phosphate...	Chestertown.....
12448	" " "	Tomato Super Phosphate.	Chestertown.....
12449	" " "	Try Me Corn Grower.....	Chestertown.....
12434	C. E. Bond, Spencerville, Md.	Dissolved Rock.....	Spencerville.....
12435	" " "	Pure Raw Bone.....	Spencerville.....
12450	James Brian, Middle River, Md.	Atlas Fertilizer.....	Middle River.....
12451	" " "	Royal Compound.....	Middle River.....
12452	" " "	Truckers' Choice.....	Middle River.....
12420	T. M. Bramble & Company, Cambridge, Md.	Special Tomato Fertilizer	Secretary.....
9617	D. S. Brockway, Greensboro, Md.	Farmers' Delight No. 1..	Greensboro.....
12490	Brumfield & Foster, Colora, Md.	B. & F. Special Potato & Tomato Phosphate.	Baltimore.....
12436	John L. Clark, Ellicott City, Md.	Potash Manure.....	Ellicott City.....
12437	" " "	Special	Ellicott City.....

No.	NITROGEN Calculated as AMMONIA.		POTASH, K_2O.		PHOSPHORIC ACID.					Comparative Value per Ton Found.	Comparative Value per Ton Guaranteed.
					Insoluble Found.	Available.		Total.			
	Found.	Guaranteed.	Found.	Guaranteed.		Found.	Guaranteed.	Found.	Guaranteed.		
12340	2.63	2.00	9.08	10.00	1.35	6.20	5.00	7.55	.....	$25.03	$22.00
12341	3.34	3.00	5.58	5.00	1.05	8.27	7.00	9.32	.....	25.96	22.50
12413	2.02	2.00	4.05	3.00	2.68	8.18	8.00	10.86	.....	20.37	18.00
12342	2.85	3.00	3.44	3.00	1.23	8.57	8.00	9.80	.....	22.48	21.50
12285	10.54	10.00	2.58	.....	6.78	8.71	.....	15.49	.....	50.89	35.00
12343	2.47	2.00	1.70	1.00	2.55	8.28	8.00	10.83	.....	19.65	16.00
12224	2.10	2.00	2.40	2.00	6.23	6.27	8.00	12.50	.....	18.51	17.00
12344	2.08	2.00	2.86	2.00	2.18	7.84	8.00	10.02	.....	18.85	17.00
9607	1.10	1.00	4.08	2.00	2.93	7.15	8.00	10.08	.....	16.25	13.50
9616	1.08	1.00	3.82	2.00	3.50	7.27	8.00	10.77	.....	16.27	13.50
12447	1.14	1.00	5.08	4.00	2.18	8.51	8.00	10.69	.....	18.45	15.50
12448	2.54	2.50	3.87	3.00	2.08	10.47	8.00	12.55	.....	24.06	19.75
12449	0.61	5.00*	4.13	3.00	1.70	8.56	8.00	10.26	.....	13.46	28.50
12434	.....	.....	.....	.....	3.75	13.97	14.00	17.72	.....	11.18	11.20
12435	4.91	4.50	.....	.....	.....	.....	.....	21.72	20.00	28.04	.....
12450	1.64	1.50	2.86	2.00	.40	9.87	9.00	10.27	.....	18.63	16.25
12451	2.33	2.00	2.11	2.00	1.50	7.58	8.00	9.08	.....	18.45	17.00
12452	3.55	3.00	2.03	3.00	1.70	7.84	8.00	9.54	.....	22.98	21.50
12420	1.23	1.00	2.36	2.00	1.25	8.28	8.00	9.53	.....	15.45	13.90
9617	1.26	1.00	2.81	2.00	1.63	9.38	8.00	11.01	.....	17.25	13.50
12490	2.05	2.00	10.37	10.00	1.15	8.02	8.00	9.17	.....	26.08	25.00
12436	.....	.....	5.06	5.00	.95	10.14	10.00	11.09	.....	13.36	13.20
12437	0.63	0.50	2.88	3.00	.90	9.56	8.00	10.46	.....	12.92	11.35

*Manufacturer claims that maker of bags made the mistake of stamping 5. per cent. here, where .5 per cent. should be.

No.	Name and Address of Manufacturer.	Name of Fertilizer.	Place of Sampling (and Sampler when not the College.)
12438	John L. Clark, Ellicott City, Md.	Standard	Ellicott City
12414	Continental Com'l Company, Baltimore, Md.	Ammoniated Bone	Walkersville
9618	" " "	Fish, Bone and Potash	Still Pond
9619	" " "	Peerless Phosphate	Still Pond
9608	" " "	Potashed Bone	Baltimore
12415	" " "	Special Potato and Tomato	Walkersville
12704	Henry Cope & Co., Lincoln University, Pa.	Ammo. Bone Phosphate	Rising Sun
12705	" " "	Potato & Corn Phosphate.	Rising Sun
12706	" " "	Pure Bone Phosphate	Rising Sun
12707	" " "	Queen of Elk Valley Phosphate.	Rising Sun
12708	" " "	Soluble Bone and Potash	Rising Sun
9620	G. & W. H. Carson, Plymouth Meeting, Pa.	Our Special Mix. No. 1. Bone, Potash and Lime.	Goldsboro
12401	W. C. Crane, Omar, Md.	Tip Top Raw Bone	Solley
12403	L. E. P. Dennis & Son, Crisfield, Md.	Fish and Potash Mixture No. 1.	Snow Hill
12421	" " "	Fish and Potash Mixture No. 2.	Federalsburg
12404	" " "	Klondike Fish and Potato	Snow Hill
12295	Dudley & Carpenter, Baltimore, Md.	California Tobacco Compound.	Baltimore
12346	" " "	Dissolved S. C. Rock	Baltimore
12271	" " "	Special Tobacco Plant Guano.	Baltimore
12491	Edelen Bros., Baltimore, Md.	H. G. Tobacco Fertilizer	Baltimore
9609	T. W. Eliason, Jr., Chestertown, Md.	No. 1. Ammo. Super Phos. of Lime and Potash.	Baltimore
9611	" " "	No. 1. Ammo. Super Phos. of Lime and Potash.	Baltimore
9610	" " "	Our Special Dis. Alkaline Phosphate and Potash.	Baltimore

No.	NITROGEN Calculated as AMMONIA.		POTASH. K_2O.		PHOSPHORIC ACID.					Comparative Value per Ton Found.	Comparative Value per Ton Guaranteed.
					Insoluble Found.	Available.		Total.			
	Found.	Guaranteed.	Found.	Guaranteed.		Found.	Guaranteed.	Found.	Guaranteed.		
12438	1.88	2.00	2.89	3.00	.60	10.01	9.00	10.61	.....	$19.72	$19.40
12414	0.69	0.50	1.65	1.50	1.15	7.34	8.00	8.49	.....	10.17	10.05
9618	0.78	0.25	1.93	0.50	1.70	8.91	5.00	10.61	.....	12.13	5.38
9619	1.11	1.00	1.54	1.50	2.03	9.74	8.00	11.77	.....	15.98	13.80
9608	.....	.....	2.10	2.00	.93	10.90	10.00	11.83	.....	11.01	10.40
12415	1.71	2.00	2.47	2.25	1.38	7.55	7.50	8.93	10.00	16.56	17.75
12704	1.14	1.00	2.88	2.00	1.83	8.54	8.00	10.37	.....	16.14	13.50
12705	1.55	1.50	3.65	4.00	2.10	8.70	7.00	10.80	.....	18.62	16.25
12706	2.10	2.00	2.66	2.00	2.00	9.40	8.00	11.40	.....	20.21	17.00
12707	2.59	2.00	7.88	8.00	2.05	8.16	7.00	10.21	.....	25.93	22.00
12708	.....	.....	5.46	4.00	2.35	7.60	9.00	9.95	.....	12.01	11.20
9620	.....	.....	2.72	3.00	.80	1.93	4.00	2.73	.....	4.42	*6.20
12401	2.88	3.00	4.85	4.00	.63	8.18	8.00	8.81	.....	23.36	23.30
12403	3.63	3.50	6.01	4.00	1.40	8.33	7.00	9.73	.....	27.61	23.25
12421	2.39	2.00	3.11	3.00	1.15	8.35	7.00	9.50	.....	20.29	17.00
12404	1.79	1.50	1.72	1.50	1.00	7.84	8.00	8.84	.....	16.23	14.75
12295	4.50	4.00	2.49	2.00	1.10	8.06	8.00	9.16	.....	26.74	24.40
12346	.....	.....	.....	.....	1.38	14.42	14.00	15.80	.....	11.54	11.20
12271	10.02	10.00	3.69	3.00	.75	5.98	5.00	6.73	.....	45.04	43.00
12491	5.03	4.00	3.37	4.00	1.00	8.22	6.00	9.22	.....	30.27	24.00
9609	1.19	1.50	2.46	1.00	.10	12.13	9.00	12.23	.....	18.80	16.25
9611	1.74	1.50	2.62	1.00	1.65	9.44	9.00	11.09	.....	18.81	16.25
9610	.....	.....	1.99	1.50	1.75	9.97	11.00	11.72	.....	10.32	10.70

*Lime not determined.

No.	Name and Address of Manufacturer.	Name of Fertilizer.	Place of Sampling (and Sampler when not the College.)
12459	Englar Bros. & Co., Linwood, Md.	No. 2. Ammoniated Bone Phosphate.	Linwood.....
12460	D. Englar, Jr., Medford, Md.	No. 3. Bone Phosphate...	Medford.....
9621	The Eureka Fertilizer Co., Perryville, Md.	Corn and Potato Special..	Perryman.....
9622	" " "	Imperial Bone Compound.	Perryman.....
9623	" " "	Potato and Vegetable Compound.	Perryman.....
12306	W. S. Farmer & Company, Baltimore, Md.	Anne Arundel Trucker ...	Baltimore.....
12372	" " "	B. & P. Phosphate.....	Baltimore.....
12493	" " "	Dis. S. C. Bone.....	Baltimore.....
12494	" " "	Fish Mixture.....	Baltimore.....
9612	" " "	Harvest Queen.....	Baltimore.....
12305	" " "	Standard Phosphate.....	Baltimore.....
12422	" " "	Three Fives Top Dresser.	Cambridge.....
12373	" " "	Truckers' Compound.....	Baltimore.....
12406	Farmers & Planters' Co., Salisbury, Md.	Fish Mixture.....	Salisbury .....
12407	" " "	General Crop Grower.....	Salisbury .....
12405	" " "	Truckers' Mixture	Salisbury .....
12462	Farmers Fertz. Co., of Carroll Co., Westminster, Md.	No. 1. Bone Phosphrte...	Westminster.....
12463	" " "	No. 2. Bone Phosphate...	Westminster.....
12464	" " "	No. 3. Bone Phosphate...	Westminster.....
12465	" " "	XX Bone Phosphate.....	Westminster.....
12461	Farmers Fertilizer Co., of Union Bridge, Md.	Farmers' Choice.....	Union Bridge.....
12439	Frederick Co., Farmers Exchange, Frederick, Md.	H. G. Spring Fertilizer...	Frederick.....
12495	J. W. Freeman, Great Mills, Md.	No. 1. Tobacco Fertilizer.	Baltimore.....

No.	NITROGEN Calculated as AMMONIA.		POTASH, K_2O.		PHOSPHORIC ACID.					Comparative Value per Ton Found.	Comparative Value per Ton Guaranteed.
					Insoluble Found.	Available.		Total.			
	Found.	Guaranteed.	Found.	Guaranteed.		Found.	Guaranteed.	Found.	Guaranteed.		
12459	0.85	1.75	2.63	2.00	2.45	10.47	11.00	12.92	.....	$14.48	$19.13
12460	1.13	1.25	2.24	2.00	2.79	10.27	9.50	13.06	11.00	17.59	16.48
9621	1.11	1.00	3.61	3.00	1.28	9.57	9.00	10.85	11.00	17.58	15.50
9622	1.19	1.00	3.14	1.00	1.25	10.10	8.00	11.35	10.00	17.91	12.50
9623	1.53	2.00	1.99	4.00	.95	9.58	8.00	10.53	9.00	17.31	19.00
12306	4.52	4.50	6.79	7.00	1.46	8.50	8.00	9.96	.....	31.69	30.75
12372	.....	.....	2.10	2.00	.63	10.19	10.00	10.82	.....	10.38	10.00
12493	.....	.....	.....	.....	1.68	14.33	14.00	16.01	.....	11.46	11.20
12494	2.10	2.00	2.41	2.00	2.48	8.21	8.00	10.69	.....	18.96	17.00
9612	1.42	1.25	3.21	3.00	1.58	8.71	9.00	10.29	.....	17.52	16.38
12305	3.00	2.63	2.64	2.50	1.32	10.18	10.00	11.50	.....	23.85	21.69
12422	5.08	5.00	5.31	5.00	1.18	8.93	5.00	10.11	.....	32 49	27.50
12373	3.36	3.00	4.48	4.00	1.43	7.88	8.00	9.31	.....	24.69	22.50
12406	2.20	3.00	2.05	2.00	1.75	10.40	7.00	12.15	.....	20.85	19.50
12407	1.02	1.00	1.69	2.00	1.60	11.61	10.00	13.21	.....	17.51	15.50
12405	2.83	3.30	5.35	4.00	1.63	8.19	8.00	9.82	.....	24.10	23.55
12462	2.22	2.50	3.59	2.50	.80	7.65	9.00	8.45	11.00	19.33	21.05
12463	2.01	2.00	3.57	2.50	.78	8.20	9.00	8.98	10.00	19.12	18.90
12464	1.52	1.50	3.20	3.00	.95	8.94	8.00	9.89	9.00	17.84	16.65
12465	1.11	1.00	3.16	3.00	.83	9.14	9.00	9.97	10.00	16.52	15.90
12461	1.42	1.00	1.76	1.75	2.13	8.41	9.00	10.54	.....	15.99	14.25
12439	1.31	1.00	5.38	4.00	4.03	8.86	8.00	12.89	.....	20.44	15.50
12495	2.30	3.00	3.85	3.00	1.23	8.58	8.00	9.81	.....	20.97	22.10

No.	Name and Address of Manufacturer.	Name of Fertilizer.	Place of Sampling (and Sampler, when not the College.)
12496	J. W. Freeman, Great Mills, Md.	Crop Grower	Baltimore
12307	U. I. Gorsuch & Son, Westminster, Md.	Westminster Raw Bone Phosphate.	Baltimore
12312	Griffith & Boyd, Baltimore, Md.	Accomac Trucker	Baltimore
12398	" " "	Ammo. Bone Phosphate.	Union Mills
12374	" " "	Cereal Bone Plant Food.	Baltimore
12453	" " "	Double Strength Tobacco Grower.	White Marsh
12308	" " "	Farmers' Potato Manure.	Baltimore
12252	" " "	Fish, Bone and Potash	Baltimore
12309	" " "	H. G. Acid Phosphate	Baltimore
9613	" " "	Lamberd's Boss Fertilizer	Baltimore
12310	" " "	Original Super Phosphate	Baltimore
12311	" " "	Peerless Fertilizer	Baltimore
12440	" " "	Pure Ground Bone Meal.	Ellicott City
12375	" " "	Royal Potash Guano	Baltimore
12347	" " "	7% Guano	Baltimore
12264	" " "	Special Grain Grower	Baltimore
12254	" " "	Spring Crop Grower	Baltimore
12253	" " "	Stable Manure Substitute	Baltimore
12466	" " "	Valley Chief Fertilizer	Union Bridge
12265	" " "	Vegetable Bone	Baltimore
12251	" " "	XX Potash Manure	Baltimore
12263	Griffith & Turner Co., Baltimore, Md.	Ammoniated Alkaline Plant Food.	Baltimore
12376	" " "	Soft Ground Bone	Baltimore

No.	NITROGEN Calculated as AMMONIA.		POTASH, K_2O.		PHOSPHORIC ACID.					Comparative Value per Ton Found.	Comparative Value per Ton Guaranteed.
					Insoluble Found.	Available.		Total.			
	Found.	Guaranteed.	Found.	Guaranteed.		Found.	Guaranteed.	Found.	Guaranteed.		
12496	0.92	1.00	1.37	1.00	1.68	9.69	8.00	11.37	.....	$14.95	$13.10
12307	1.50	1.40	2.26	2.25	1.87	7.32	7.00	9.19	8.00	15.58	14.55
12312	4.90	5.00	6.78	7.00	1.06	7.10	6.00	8.16	.....	31.45	30.50
12398	1.96	2.00	2.50	2.00	1.00	9.10	8.00	10.10	.....	18.86	17.00
12374	1.26	1.00	2.60	2.00	1.15	8.02	8.00	9.17	.....	15.49	13.50
12453	3.21	3.00	3.10	3.00	1.98	7.13	8.00	9.11	.....	22.26	21.50
12308	1.18	1.00	7.65	9.00	.45	9.16	8.00	9.61	.....	21.12	20.50
12252	1.79	1.75	3.08	3.00	1.65	7.45	7.00	9.10	.....	17.46	16.53
12309	.....	.....	.....	.....	.85	14.01	14.00	14.86	.....	11.21	11.20
9613	2.01	2.00	4.58	4.50	1.03	7.68	7.00	8.71	8.00	19.71	18.90
12310	.....	.....	.....	.....	1.09	13.19	12.00	14.28	.....	10.55	9.60
12311	0.77	0.35	2.68	2.00	1.54	8.34	8.00	9.88	.....	12.36	9.63
12440	3.87	4.00	.....	.....	.....	.....	.....	18.46	48.00	26.42	.....
12375	1.24	1.00	3.69	4.00	.90	8.58	8.00	9.48	.....	16.97	15.90
12347	7.52	7.00	5.43	5.00	1.95	5.15	5.00	7.10	.....	37.68	34.50
12264	.....	.....	2.46	2.00	1.96	10.16	10.00	12.12	11.00	10.98	10.20
12254	2.01	2.00	4.67	4.50	1.03	8.14	6.50	9.17	8.00	20.26	18.40
12253	3.54	3.50	4.73	4.00	1.55	5.55	5.00	7.10	.....	23.29	21.25
12466	0.57	0.50	3.06	3.00	1.23	8.73	8.00	9.96	.....	12.29	11.15
12265	3.07	3.00	6.72	7.00	2.05	7.84	8.00	9.89	.....	26.13	25.50
12251	.....	.....	5.01	5.00	1.20	10.17	10.00	11.37	11.00	13.39	13.20
12263	0.67	1.00	2.46	1.50	1.19	9.57	6.50	10.76	7.50	12.71	11.90
12376	2.85	3.00	.....	.....	.....	.....	.....	13.69	11.00	20.09	.....

No.	Name and Address of Manufacturer.	Name of Fertilizer.	Place of Sampling (and Sampler, when not the College.)
12348	Griffith & Turner Company, Baltimore, Md.	Animal Bone Phosphate..	Baltimore .....
12497	" " "	Dissolved Bone	Baltimore .....
12455	" " "	H. G. Acid Phosphate....	Reisterstown.....
11456	" " "	Special Mixture.....	Reisterstown.....
12457	" " "	Special Potato Mixture ..	Reisterstown.....
12761	Hanway, Barnes & McComas, Bel Air, Md.	H. & K. Dissolved Bone..	Bel Air.....
12757	" " "	H. & K. Special Mixture.	Baltimore.....
12636	W. R. Hearn & Son, Cambridge, Md.	Farmers' Favorite Fertilizer.	Cambridge .....
12762	S. M. Hess & Company, Philadelphia, Pa.	Ground Bone.....	Perryman .....
12545	" " "	H. G. Acid Phosphate....	Baltimore.....
12578	" " "	Potato and Truck Manure	Baltimore.....
12519*	The Hubbard Fertilizer Co., Baltimore, Md.	Climax Bone Super Phosphate.	Baltimore.....
12607	" " "	Columbia Gem Phosphate	Lineboro .....
12546	" " "	Farmers' I. X. L. Super Phosphate.	Baltimore .....
12579	" " "	H. G. Soluble Tennessee Phosphate.	Baltimore.....
12606	" " "	Oriental Phosphate.....	Lineboro .....
12517	" " "	Royal Ensign	Baltimore .....
12547	" " "	Soluble Bone and Potash.	Baltimore.....
12653	" " "	Special Mixture.....	Halfway .....
12548	" " "	Standard Bone Super Phosphate.	Baltimore .....
12514	" " "	Truckers' 5% Royal Seal Compound.	Baltimore .....
12501	" " "	Truckers' 7% Royal Seal Compound.	Baltimore .....
12518	" " "	Warranted Pure Raw Bone.	Baltimore.....

*For Home Fertilizer Chem. Works see end of table.

No.	NITROGEN Calculated as AMMONIA.		POTASH, K_2O.		PHOSPHORIC ACID.					Comparative Value per Ton Found.	Comparative Value per Ton Guaranteed.
					Insoluble Found.	Available.		Total.			
	Found.	Guaranteed.	Found.	Guaranteed.		Found.	Guaranteed.	Found.	Guaranteed.		
12348	2.27	2.50	1.75	1.50	1.08	10.15	10.00	11.23	11.00	$20.28	$20.65
12497	2.01	2.00	.....	.....	3.70	8.60	9.00	12.30	10.00	17.12	16.40
12455	.....	.....	.....	.....	1.13	14.52	14.00	15.65	15.00	11.61	11.20
12456	0.54	0.50	2.47	2.00	.88	7.09	8.00	7.97	9.00	10.21	10.35
12457	1.11	1.00	6.10	5.00	3.98	8.13	8.00	12.11	12.00	19.71	18.10
12761	2.11	2.00	.....	.....	2.15	10.90	10.00	13.05	11.00	19.15	17.40
12757	1.21	1.00	2.54	2.00	1.15	9.22	9.00	10.37	10.00	16.46	14.90
12636	2.10	2.00	5.25	5.00	.73	9.19	8.00	9.92	.....	22.08	20.00
12762	3.92	4.00	.....	.....	.....	.....	.....	18.74	20.00	24.69	.....
12545	.....	.....	.....	.....	1.43	13.71	14.00	15.14	.....	10.97	11.20
12578	2.59	3.00	6.72	6.00	.73	8.47	8.00	9.20	.....	24.55	24.50
12519	1.30	1.00	4.01	4.00	1.10	7.03	7.00	8.13	.....	16.04	14.50
12607	1.40	0.50	1.67	1.00	1.28	7.97	8.00	9.25	.....	15.05	9.15
12546	2.18	2.00	2.43	2.00	1.28	8.54	8.00	9.82	.....	19.11	17.00
12579	.....	.....	.....	.....	.40	14.43	14.00	14.83	.....	11.54	11.20
12606	1.40	1.00	1.55	1.00	1.20	7.81	8.00	9.01	.....	14.74	12.50
12517	3.30	3.00	4.20	4.00	1.15	8.40	8.00	9.55	.....	24.61	22.50
12547	.....	.....	2.01	2.00	1.15	10.03	10.00	11.18	.....	10.26	10.00
12653	.....	.....	3.42	4.00	2.15	8.82	10.00	10.97	.....	10.91	12.00
12548	2.35	2.00	3.36	3.00	1.40	7.45	8.00	8.85	.....	19.60	18.00
12514	5.50	5.00	5.02	5.00	1.03	7.17	6.00	8.20	.....	31.85	28.50
12501	6.76	7.00	5.30	5.00	.93	6.56	6.00	7.49	.....	35.89	35.50
12518	4.33	3.50	.....	.....	.....	.....	.....	16.25	45.00	25.62	.....

No.	Name and address of Manufacturer.	Name of Fertilizer.	Place of Sampling (and Sampler, when not the College.)
12208	The Hubbard Fertilizer Co., Baltimore, Md.	XX	Ridgely (G. W. Dasher.)
12637	M. P. Hubbard & Company, Baltimore, Md.	Celebrated Dissolved Bone Phosphate.	Goldsboro
12638	" " "	Farmers' Acme Fertilizer	Goldsboro
12709	" " "	Farmers' Old Economy	Baltimore
12759	" " "	Fish, Bone and Potash Phosphate.	Baltimore
12639	" " "	Harvest King	Goldsboro
12711	" " "	Havana Spec. for Tobacco	Baltimore
12618	" " "	H. G. Soluble S. C. Bone.	Walkersville
12580	" " "	Md. Special Vegetable Grower.	Baltimore
12520	" " "	7% Bermuda Guano	Baltimore
12712	" " "	Soluble Bone and Potash.	Baltimore
12640	" " "	Special Potato and Tomato Phosphate.	Goldsboro
12516	T. R. Hubbard & Son, Chestertown, Md.	Our Early Tomato Grower "Peerless."	Baltimore
12676	Wilbur W. Hubbard, Chestertown, Md.	Our Peerless Fertilizer	Chestertown
12549	" " "	Our Peerless Fertilizer	Baltimore
12675	" " "	Our Peerless Fertilizer	Chestertown
11515	" " "	Our Special Potato Manure.	Baltimore
12654	" " "	Special Mixture	Baltimore
12775	" " "	Special Mixture	Newark
12677	" " "	Special Mixture	Rock Hall
12550	" " "	Special Mixture	Baltimore
12678	" " "	Special Mixture for Asparagus.	Chestertown
12713	S. L. Lamberd Co., Baltimore, Md.	Favorite	Baltimore

No.	NITROGEN Calculated as AMMONIA.		POTASH, K_2O.		PHOSPHORIC ACID.					Comparative Value per Ton Found.	Comparative Value per Ton Guaranteed.
					Insoluble Found.	Available.		Total.			
	Found.	Guaranteed.	Found.	Guaranteed.		Found.	Guaranteed.	Found.	Guaranteed.		
12208	1.88	3.00	5.89	7.50	2.28	9.77	9.00	11.05	.....	$ 23.15	$27.00
12637	1.46	2.00	2.15	2.00	.95	11.76	9.00	12.71	.....	19.40	18.40
12638	1.96	2.00	2.42	2.00	1.73	8.46	7.00	10.19	.....	18.43	16.40
12709	0.96	0.50	1.90	2.00	1.30	9.71	8.00	11.01	.....	13.29	10.35
12759	0.51	0.25	1.61	1.00	.73	7.64	6.00	8.37	.....	9.66	6.68
12639	1.24	1.50	1.95	1.50	1.23	10.73	9.00	11.96	.....	17.51	15.75
12711	2.00	2.50	3.08	2.50	1.60	10.06	9.00	11.66	.....	20.80	20.65
12618	.....	.....	.....	.....	.53	15.36	14.00	15.89	.....	12.29	11.20
12580	3.96	5.00	5.18	5.00	.50	9.18	7.00	9.68	.....	28.42	29.50
12520	6.76	7.00	4.13	4.00	.48	8.26	7.00	8.74	.....	36.24	35.50
12712	.....	.....	2.52	2.00	1.25	10.09	10.00	11.34	12.00	10.84	10.40
12640	1.52	2.00	6.27	5.00	.88	9.57	7.00	10.45	.....	21.51	19.00
12516	2.69	3.00	4.13	4.00	.85	9.63	6.00	10.48	.....	23.52	20.50
12676	1.81	2.00	4.45	4.00	1.90	7.84	8.00	9.74	.....	19.39	19.00
12549	2.16	2.00	4.25	4.00	.60	8.94	8.00	9.54	.....	20.99	19.00
12675	2.01	2.00	4.17	4.00	1.95	8.02	8.00	9.97	.....	20.01	19.00
12515	2.83	3.00	5.13	5.00	1.13	9.40	6.00	10.53	.....	24.89	21.50
12654	2.68	3.00	6.56	7.00	1.88	7.43	7.00	9.31	.....	24.11	24.50
12775	4.16	5.00	5.19	6.00	.80	7.01	7.00	7.81	.....	27.08	30.50
12677	0.72	.....	2.33	.....	.93	9.15	.....	10.08	.....	12.36	.....
12550	4.78	5.00	3.90	5.00	1.20	7.61	7.00	8.81	.....	28.72	29.50
12678	3.15	.....	12.55	.....	.20	2.22	.....	2.42	.....	25.88	.....
12713	1.84	1.00	2.32	2.00	1.50	9.59	8.00	11.09	10.00	18.95	14.30

No.	Name and Address of Manufacturer.	Name of Fertilizer.	Place of sampling (and Sampler, when not the College.)
12714	S. L. Lamberd Company, Baltimore, Md.	Pure Fine Ground Bone Meal.	Baltimore.....
12551	" " "	Special Anne Arundel Mixture.	Baltimore.....
12715	Listers' Agricultural Chemical Works, Newark, N. J.	Alkaline Bone.....	Baltimore.....
12679	" " "	Celebrated Ground Bone	Middle River.....
12581	" " "	Celebrated Ground Bone (Acidulated).	Baltimore.....
12716	" " "	"G" Brand.....	Baltimore.....
12504	" " "	Harvest Queen Phosphate	Baltimore.....
12582	" " "	Special Corn and Potato Fertilizer.	Baltimore.....
12680	" " "	Special Corn and Potato Fertilizer.	Middle River.....
12641	" " "	Potato Manure.....	Ridgely.....
12717	" " "	Special Crop Produce.....	Baltimore.....
12718	" " "	Special Fertilizer for Tomatoes.	Baltimore.....
12503	" " "	Standard Pure Bone Super Phosphate of Lime.	Baltimore.....
12681	" " "	Success.....	Benjies.....
12583	" " "	3x6x10 for Potatoes.....	Baltimore.....
12719	The Mapes Formula & Peruvian Guano Co., N. Y.	Average Soil Complete Manure.	Baltimore.....
12584	" " "	Complete Manure "A" Brand.	Baltimore.....
12721	" " "	Corn Manure.....	Baltimore.....
12722	" " "	Vegetable Manure.....	Baltimore.....
12585	The D. B. Martin Co., Philadelphia, Pa.	Acid Phosphate.....	Baltimore.....
12552	" " "	Claremont Dissolved Bone and Potash.	Baltimore.....
12723	" " "	Claremont Vegetable Manure.	Baltimore.....
12553	" " "	Complete Dissolved Organic Compound.	Baltimore.....

No.	NITROGEN Calculated as AMMONIA.		POTASH, K_2O.		PHOSPHORIC ACID.					Comparative Value per Ton Found.	Comparative Value per Ton Guaranteed.
					Insoluble Found.	Available.		Total			
	Found.	Guaranteed.	Found.	Guaranteed.		Found.	Guaranteed.	Found.	Guaranteed.		
12714	3.44	4.00	.....	.....	.....	.....	.....	14.61	21.50	$20.80	$.....
12551	3.92	3.00	2.23	3.00	2.30	8.86	8.00	11.16	9.00	25.73	21.90
12715	.....	.....	2.62	2.00	.60	10.01	10.00	10.61	.....	10.75	10.00
12679	3.33	3.25	.....	.....	9.00	4.26	12.00	13.26	.....	19.42	23.38
12581	3.05	3.25	.....	.....	10.15	5.22	9.00	15.37	.....	19.96	20.38
12716	1.17	1.00	4.70	4.00	.83	7.62	8.00	8.45	.....	16.75	16.30
12504	1.88	1.82	2.20	2.00	1.10	9.20	9.00	10.30	.....	18.42	17.37
12582	2.30	2.00	3.05	3.00	1.35	8.68	8.00	10.03	.....	20.32	18.00
12680	2.14	2.00	3.85	3.00	1.53	8.35	8.00	9.88	9.00	20.30	18.40
12641	3.82	4.00	5.54	7.00	1.05	9.83	8.00	10.88	.....	29.16	29.00
12717	1.28	1.00	1.90	1.00	1.13	7.63	7.00	8.76	.....	14.46	11.50
12718	2.02	2.00	2.69	2.00	.75	9.19	8.00	9.94	.....	19.25	17.00
12503	3.11	3.00	2.95	2.00	1.18	9.11	9.00	10.29	.....	23.42	21.50
12681	1.70	1.50	2.82	2.00	2.33	9.10	9.00	11.43	11.00	18.80	17.05
12583	2.37	3.00	9.64	10.00	1.08	7.92	6.00	9.00	.....	26.29	26.50
12719	5.18	5.00	6.22	5.00	1.65	5.96	7.00	7.61	8.00	30.97	29.50
12584	3.41	3.00	3.36	2.50	3.88	10.16	10.00	14.04	.....	27.01	23.40
12721	3.36	3.00	7.24	6.00	1.55	9.18	8.00	10.73	.....	28.80	24.90
12722	6.33	6.00	7.40	6.00	3.84	6.01	6.00	9.85	.....	37.11	33.40
12585	.....	.....	.....	.....	.48	14.34	14.00	14.82	.....	11.47	11.20
12552	3.02	3.00	4.75	5.00	4.20	8.01	7.00	12.21	13.00	25.01	22.50
12723	3.68	3.00	4.54	5.00	4.13	7.55	7.00	11.68	10.00	26.62	22.50
12553	1.48	1.25	2.81	2.00	3.38	9.98	9.00	13.36	16.00	19.32	15.38

No.	Name and Address of Manufacturer.	Name of Fertilizer.	Place of Sampling (and Sampler when not the College.)
12507	The D. B. Martin Co., Philadelphia, Pa.	Complete Vegetable Manure.	Baltimore
12724	" " "	Corn and Cereal Special	Baltimore
12554	" " "	Crop Producer	Baltimore
12555	" " "	Early Truck and Vegetable Grower.	Baltimore
12655	" " "	Extra Animal Bone and Potash	Jessup
12510	" " "	Gilt-Edge Potato Manure	Baltimore
12682	" " "	Ground Bone	White Marsh
12683	" " "	Pure Dissolved Animal Bone.	White Marsh
12684	" " "	Raw Bone Meal	White Marsh
12610	" " "	Sure Growth	Snow Hill
12586	" " "	7% Guano	Baltimore
12556	F. Maynard, Baltimore, Md.	H. G. Special Vegetator	Baltimore
12557	" " "	H. G. Truckers' Pride	Baltimore
12691	F. Mehring, Bruceville, Md.	Dissolved Raw Bone	Bruceville
12692	" " "	General Crop Grower	Bruceville
12656	" " "	Twenty-Six Dollar Phosphate.	Williamsport
12725	Miller Fertilizer Co., Baltimore, Md.	Ammoniated Diss. Bone	Baltimore
12726	" " "	Clinch Phosphate	Baltimore
12727	" " "	Corn Fertilizer	Baltimore
12728	" " "	Dissolved Raw Bone	Baltimore
12657	" " "	Ground Bone	Ellicott City
12703	" " "	Harvest Queen	Elkton
12658	" " "	Hustler Phosphate	Keedysville

No.	NITROGEN Calculated as AMMONIA.		POTASH, K_2O.		PHOSPHORIC ACID.					Comparative Value per Ton Found.	Comparative Value per Ton Guaranteed.
					Insoluble Found.	Available.		Total.			
	Found.	Guaranteed.	Found.	Guaranteed.		Found.	Guaranteed.	Found.	Guaranteed.		
12507	3.56	3.00	5.02	5.00	3.43	7.12	7.00	10.55	13.00	$25.97	$22.50
12724	2.08	2.00	2.67	2.00	4.53	8.34	8.00	12.87	10.00	20.10	17.00
12554	.....	.....	1.26	1.25	4.80	9.22	10.00	14.02	17.00	9.60	9.25
12555	4.22	4.00	7.50	8.00	3.25	6.49	6.00	9.74	12.00	30.06	28.00
12655	2.01	2.00	2.82	2.25	4.45	15.17	16.00	19.62	.....	26.81	25.25
12510	3.04	3.00	7.70	10.00	3.15	7.22	7.00	10.37	13.00	26.82	27.50
12682	2.58	2.00	.....	.....	.....	.....	.....	25.55	50.00	28.83	.....
12683	1.60	2.00	.....	.....	5.20	11.31	12.00	16.51	14.00	18.99	19.00
12684	4.01	4.50	.....	.....	.....	.....	.....	24.74	20.40	27.06	.....
12610	1.46	1.00	1.16	1.00	4.18	8.48	8.00	12.66	16.00	16.42	12.50
12586	7.02	7.00	6.35	5.00	1.63	6.17	6.00	7.80	9.00	37.75	35.50
12556	2.27	2.00	2.15	2.00	2.05	8.46	8.00	10.51	.....	19.38	17.00
12557	5.38	5.00	2.54	2.50	.88	5.20	5.00	6.08	.....	26.92	25.60
12691	2.26	2.00	.....	.....	.33	16.77	14.00	17.10	15.00	24.81	21.40
12692	1.26	1.00	1.29	1.00	4.40	12.13	11.00	16.53	12.00	19.59	15.90
12656	1.62	1.25	1.39	1.00	4.38	12.62	12.00	17.00	.....	21.43	17.78
12725	2.01	2.00	2.46	2.00	1.10	8.71	8.00	9.81	.....	18.65	17.60
12726	.....	.....	2.66	2.00	.58	10.70	10.00	11.28	.....	11.45	10.40
12727	0.85	1.00	3.28	3.00	1.33	8.16	7.00	9.49	.....	13.06	14.10
12728	2.58	2.50	.....	.....	2.08	12.99	11.00	15.07	13.00	22.85	20.55
12657	3.10	3.00	.....	.....	.....	.....	.....	22.96	18.00	28.86	.....
12703	1.28	1.25	2.78	2.75	1.48	9.83	9.00	11.31	.....	17.68	16.73
12658	1.24	1.00	1.50	1.00	1.75	8.45	8.00	10.20	.....	14.99	13 10

No.	Name and Address of Manufacturer.	Name of Fertilizer.	Place of Sampling, (and Sampler, when not the College.)
12729	Miller Fertilizer Co., Baltimore, Md.	McAfee's Top Dressing..	Baltimore.....
12558	" " "	McAfee's Truckers' Favorite.	Baltimore.....
12559	" " "	Potato and Vegetable Grower.	Baltimore.....
12521	" " "	No. 1 Potato and Vegetable Grower.	Baltimore.....
12730	" " "	S. C. Rock.....	Baltimore.....
12587	" " "	Special Tomato Grower..	Baltimore.....
12522	" " "	Standard Phosphate.....	Baltimore.....
12731	" " "	W. G. Phosphate	Baltimore.....
12732	Geo. R. Mowell, Glencoe, Md.	Standard Bone Phosphate	Baltimore.....
12523	J. B. Nichols & Son, Baltimore, Md.	Farmers' Friend Guano..	Baltimore.....
12206	Norton Manufacturing Co., Washington, D. C.	Bone	Beltsville..... (Russell Magruder)
12619	G. Ober & Sons Co., Baltimore, Md.	Birely's Ammoniated Bone Phosphate.	Ladiesburg.....
12620	" " "	Birely's Crop Producer...	Ladiesburg.....
12621	" " "	Birely's H. G. Bone and Potash.	Ladiesburg.....
12560	" " "	Dissolved Animal Bone...	Baltimore.....
12525	" " "	Dissolved Bone Phosphate	Baltimore.....
12509	" " "	Dissolved Bone Phosphate and Potash.	Baltimore.....
12508	" " "	Farmers' Mixture.....	Baltimore.....
12524	" " "	Farmers' Standard Ammoniated Phosphate.	Baltimore.....
12763	" " "	Fish and Potash Fertilizer	Cordova.....
12528	" " "	Fish and Potash Fertilizer	Baltimore.....
12527	" " "	Fish, Bone and Potash Mixture.	Baltimore.....
12526	" " "	Independent Ammoniated Phosphate.	Baltimore.....

No.	NITROGEN Calculated as AMMONIA.		POTASH, K_2O.		PHOSPHORIC ACID.					Comparative Value per Ton Found.	Comparative Value per Ton Guaranteed.
					Insoluble Found.	Available.		Total.			
	Found.	Guaranteed.	Found.	Guaranteed.		Found.	Guaranteed.	Found.	Guaranteed.		
12729	5.03	5.00	3.84	2.50	.50	5.24	4.00	5.74	.....	$26.89	$24.00
12558	3.65	3.75	3.01	3.00	1.00	10.04	9.00	11.04	.....	26.23	25.13
12559	2.15	2.00	4.59	4.00	.93	8.03	8.00	8.96	.....	20.52	19.60
12521	4.51	4.50	7.37	7.00	.45	8.02	8.00	8.47	.....	31.36	31.35
12730	.....	.....	.....	.....	.90	15.24	14.00	16.14	.....	12.19	11.20
12587	2.02	2.00	2.96	2.00	1.28	8.54	8.00	9.82	.....	19.08	17.60
12522	3.01	3.00	3.32	3.00	1.00	9.02	8.00	10.02	.....	23.28	21.50
12731	0.68	0.50	1.49	1.00	1.58	7.96	7.00	9.54	.....	10.55	8.65
12732	2.17	2.00	2.08	2.00	.70	10.48	10.00	11.18	11.00	20.44	19.40
12523	4.37	4.00	5.08	4.00	1.13	7.46	7.00	8.59	.....	28.29	25.00
12206	4.25	4.00	.....	.....	.....	.....	.....	23.65	20.00	31.08	.....
12619	0.83	0.50	1.48	1.00	.15	12.10	8.00	12.25	.....	14.10	9.15
12620	.....	.....	3.49	2.50	10	10.46	9.00	10.56	.....	11.88	9.70
12621	.....	.....	5.80	4.00	.28	8.70	9.00	8.98	.....	12.82	11.20
12560	3.50	3.00	.....	.....	.90	13.52	10.00	14.42	.....	26.13	20.50
12525	.....	.....	.....	.....	.15	16.52	14.00	16.67	.....	13.22	11.20
12509	.....	.....	2.56	2.00	1.28	11.22	10.00	12.50	.....	11.80	10.00
12508	1.40	1.00	2.43	2.00	.68	10.20	9.00	10.88	.....	17.80	14.50
12524	2.25	2.00	2.53	2.00	1.00	10.72	9.00	11.72	.....	21.53	18.00
12763	2.18	2.00	2.53	2.00	2.58	10.20	9.00	12.78	.....	20.39	18.00
12528	2.46	2.00	3.10	2.00	3.05	9.01	9.00	12.06	.....	21.94	18.00
12527	2.92	3.25	3.51	3.50	.98	10.71	8.00	11.69	.....	24.83	22.88
12526	1.02	1.00	1.07	1.00	1.23	12.61	8.00	13.84	.....	17.74	12.50

No.	Name and Address of Manufacturer.	Name of Fertilizer.	Place of Sampling. (and Sampler when not the College.)
12764	G. Ober & Sons Co., Baltimore, Md.	No. 1 Ammoniated Super Phos. of Lime & Potash.	Betterton
12685	" " "	Princeton Complete Compound.	White Marsh
12589	" " "	Pure Bone Meal	Baltimore
12686	" " "	Pure Raw Bone	White Marsh
12733	" " "	Soluble Ammoniated Super Phosphate of Lime.	Baltimore
12506	" " "	Special Tobacco Bed Fertilizer.	Baltimore
12511	" " "	Special Plant Food	Baltimore
12512	" " "	Standard Southern Vegetable Fertilizer.	Baltimore
12207	L. G. Orndorff, Washington, D. C.	S. C. Rock	Beltsville (Russell Magruder)
12765	Oxford Fertilizer Co., Oxford, Md.	Crab Guano	Oxford
12529	John L. Paradee & Co., Pocomoke City, Md.	Special Potato Grower	Baltimore
12608	Patapsco Guano Co., Baltimore, Md.	Baltimore Soluble Phosphate.	Green Mount
12590	" " "	Coon Brand Guano	Baltimore
12612	" " "	Corn and Tomato	Snow Hill
12611	" " "	Dissolved Raw Bone	Snow Hill
12531	" " "	Early Trucker for Quick Growth.	Baltimore
12591	" " "	Fish Guano	Baltimore
12734	" " "	Phospho-Potash	Baltimore
12530	" " "	Pure Dissolved S. C. Bone	Baltimore
12659	" " "	Sea Gull Guano	Savage
12660	" " "	Soluble Bone and Potash	Oakland
12661	" " "	Tobacco and Potato Fertilizer.	Oakland
12735	" " "	Tobacco Fertilizer	Baltimore

No.	NITROGEN Calculated as AMMONIA.		POTASH K_2O.		PHOSPHORIC ACID.					Comparative Value per Ton Found.	Comparative Value per Ton Guaranteed.
					Insoluble Found.	Available.		Total.			
	Found.	Guaranteed.	Found.	Guaranteed.		Found.	Guaranteed.	Found.	Guaranteed.		
12764	1.31	1.00	2.37	1.00	2.53	10.36	9.00	12.89	.....	$18.33	$13.50
12685	2.11	2.00	3.43	4.00	.80	11.72	8.00	12.52	.....	22.86	19.80
12589	4.78	3.00	.....	.....	.....	.....	.....	21.79	22.00	33.20	.....
12686	4.66	4.00	.....	.....	.....	.....	.....	24.47	21.00	29.30	.....
12733	2.17	2.00	2.83	2.00	1.25	10.76	9.00	12.01	.....	21.69	18.00
12506	10.54	10.00	3.49	3.00	.43	6.12	4.00	6.55	.....	46.67	42.40
12511	2.18	2.00	7.84	5.00	.50	9.70	9.00	10.20	.....	25.37	21.60
12512	7.90	7.00	4.74	5.00	.78	7.38	6.00	8.16	.....	40.08	35.50
12207	.....	.....	.....	.....	.70	15.01	14.00	15.71	.....	12.01	11.20
12765	5.01	.....	0.79	.....	.18	3.38	.....	3.56	.....	21.78	.....
12529	4.08	4.00	5.95	6.00	1.28	7.56	6.00	8.84	.....	28.30	26.00
12608	.....	.....	2.02	2.00	1.05	11.39	11.00	12.44	.....	11.34	10.80
12590	1.26	1.00	3.27	3.00	.95	9.24	9.00	10.19	.....	17.30	15.50
12612	1.54	1.50	2.50	2.00	.78	9.35	9.00	10.13	.....	17.55	16.25
12611	2.61	2.50	.....	.....	1.98	13.01	12.00	14.99	.....	22.94	20.75
12531	4.96	5.00	5.19	5.00	1.45	7.96	7.00	9.41	.....	31.09	29.50
12591	2.25	2.00	2.65	2.00	1.30	6.82	6.00	8.12	.....	17.87	15.00
12734	.....	.....	3.83	3.00	.38	6.18	6.00	6.56	.....	8.85	8.00
12530	.....	.....	.....	.....	1.58	14.38	14.00	15.96	.....	11.50	11 20
12659	1.20	1.00	1.40	1.00	1.18	8.52	8.00	9.70	.....	14.59	12.50
12660	.....	.....	2.26	3.00	.38	10.18	10.00	10.56	.....	10.48	11.00
12661	2.01	2.00	3.54	4.00	.85	9.01	9.00	9.86	.....	19.93	20.00
12735	3.21	3.00	3.24	3.00	.80	9.81	9.00	10.61	.....	24.61	22.50

No.	Name and Address of Manufacturer.	Name of Fertilizer.	Place of Sampling (and Sampler, when not the College.)
12766	Patapsco Guano Company, Baltimore, Md.	Woodall's Alkaline Bone	Georgetown
12736	Piedmont-Mt. Airy Guano Co., Baltimore, Md.	Bone Meal	Baltimore
12642	" " "	Caroline Mixture	Greensboro
12687	" " "	Dissolved Bone Phosphate	Owings Mills
12737	" " "	Farmers' Favorite	Baltimore
12622	" " "	H. G. Bone and Potash	Mt. Airy
12688	" " "	Insula Guano for All Crops.	Chestertown
12532	" " "	Insula Guano for Corn, Oats & Other Sp'ng C'ps	Baltimore
12738	" " "	I X L Crop Grower	Baltimore
12739	" " "	Levering's Ammoniated Bone.	Baltimore
12643	" " "	Levering's Excelsior	Greensboro
12561	" " "	Levering's Harvest Queen	Baltimore
12536	" " "	Levering's Standard	Baltimore
12562	" " "	Mt-Airy Garden and Truck Fertilizer.	Baltimore
12635	" " "	Peerless Phosphate	Mt. Airy
12563	" " "	Piedmont Early Trucker	Baltimore
12613	" " "	Piedmont (Fish) Guano	Snow Hill
12534	" " "	Piedmont (Fish) Guano	Baltimore
12533	" " "	Piedmont H. G. S. C. Bone	Baltimore
12644	" " "	Piedmont Perfection Guano.	Greensboro
12662	" " "	Piedmont, Pa., Potato Producer.	Hagerstown
12535	" " "	Piedmont Potato Producer	Baltimore
12663	" " "	Piedmont Royal Ammoniated Bone and Potash.	Oakland

No.	NITROGEN Calculated as AMMONIA.		POTASH, K_2O.		PHOSPHORIC ACID.					Comparative Value per Ton Found.	Comparative Value per Ton Guaranteed.
					Insoluble Found.	Available.		Total.			
	Found.	Guaranteed.	Found.	Guaranteed.		Found.	Guaranteed.	Found.	Guaranteed.		
12766	.....	.....	3.56	3.00	.35	12.47	12.00	12.82	.....	$13.61	$12.60
12736	3.99	.....	.....	.....	.....	.....	.....	22.39	.....	28.33	.....
12642	1.30	1.00	2.85	2.00	.43	9.08	8.00	9.51	.....	16.65	13.50
12687	.....	.....	2.17	1.00	.13	10.79	10.50	10.92	11.50	10.83	9.60
12737	1.24	1.00	3.40	4.00	1.03	9.32	8.00	10.35	.....	17.47	15.50
12622	.....	.....	2.46	2.00	.50	10.04	10.00	10.54	11.00	10.59	10.20
12688	0.94	0.37	1.70	1.00	.83	7.55	7.00	8.38	.....	11.20	7.90
12532	0.77	0.50	2.15	2.00	.38	9.00	7.00	9.38	.....	12.13	9.35
12738	.....	.....	3.39	3.00	.50	10.43	10.00	10.93	11.00	11.83	11.20
12739	1.11	1.00	3.38	3.00	.68	10.34	9.00	11.02	10.00	17.88	15.90
12643	1.21	1.00	1.92	1.00	.48	8.93	8.00	9.41	.....	15.28	12.50
12561	1.42	1.00	2.68	2.00	1.15	7.51	8.00	8.66	.....	15.62	13.50
12536	2.01	2.00	3.30	3.00	.18	8.68	8.00	8.86	9.00	19.09	18.40
12562	3.65	4.00	4.28	3.00	.48	8.95	8.00	9.43	.....	26.20	25.00
12635	1.24	1.00	2.13	1.50	.38	8.85	8.00	9.23	.....	15.47	13.40
12563	5.01	5.00	5.64	5.00	.58	9.02	8.00	9.60	.....	32.43	30.50
12613	1.89	2.00	2.18	2.00	.38	9.46	8.00	9.84	.....	18.41	17.00
12534	2.10	2.00	2.57	2.00	.30	8.07	8.00	8.37	.....	18.11	17.00
12533	.....	.....	.....	.....	.55	14.60	14.00	15.15	15.00	11.68	11.20
12644	2.03	2.00	6.16	5.00	.78	9.33	8.00	10.11	.....	22.91	20.00
12662	2.34	2.00	10.10	10.00	.25	6.77	6.00	7.02	.....	25.16	23.00
12535	3.03	3.00	6.50	6.00	.45	6.66	5.00	7.11	.....	23.95	21.50
12663	1.50	1.30	3.48	3.00	.58	7.67	6.00	8.25	.....	16.63	13.55

No.	Name and Address of Manufacturer.	Name of Fertilizer.	Place of Sampling, (and Sampler, when not the College.)
12564	Piedmont - Mt. Airy Guano Co., Baltimore, Md.	Piedmont Special for Tobacco Beds.	Baltimore.....
12565	" " "	Piedmont Special Truck Fertilizer.	Baltimore.....
12623	" " "	Plow Brand.....	Mt. Airy.....
12689	" " "	Pure Raw Bone Mixture..	Owings Mills.....
12345	" " "	Special for Strawberries..	Glenburnie.....
12740	" " "	Special Potash Mixture ..	Baltimore.....
12624	" " "	Standard Dissolved Bone.	Mt. Airy.....
12566	The Pollock Fertilizer Co., Baltimore, Md.	Accomac Trucker.....	Baltimore.....
12592	" " "	Ammoniated Bone Phosphate.	Baltimore.....
12741	" " "	Dissolved Animal Bone...	Baltimore.....
12593	" " "	Dissolved S. C. Bone.....	Baltimore.....
12742	" " "	Early Truck Guano.....	Baltimore.....
12594	" " "	Ground Animal Bone.....	Baltimore.....
12744	" " "	Owl Brand Guano.....	Baltimore.....
12595	" " "	Soft Ground Bone.....	Baltimore.....
12537	" " "	Special Potato and Tobacco Fertilizer.	Baltimore.....
12743	" " "	Superior Corn and Tomato	Baltimore.....
12625	" " "	Victor Bone Phosphate...	Emmittsburg.....
12626	Ramsburg Fertilizer Co., Baltimore, Md.	Ammoniated Bone Phosphate.	Myersville.....
12627	" " "	Corn and Potato Fertilizer	Myersville.....
12628	" " "	Dissolved Bone Super-Phosphate.	Mt. Airy.....
12629	" " "	Hood's Special Mixture ..	Mt. Airy.....
12630	" " "	Plant Food.....	Monrovia.....

No.	NITROGEN Calculated as AMMONIA.		POTASH, K_2O.		PHOSPHORIC ACID.					Comparative Value per Ton Found.	Comparative Value per Ton Guaranteed.
					Insoluble Found.	Available.		Total.			
	Found.	Guaranteed.	Found.	Guaranteed.		Found.	Guaranteed.	Found.	Guaranteed.		
12564	7.02	7.00	4.61	2.50	.35	6.51	5.00	6.86	.....	$35.83	$32.00
12565	6.62	7.00	5.38	5.00	.53	6.32	6.00	6.85	.....	35.08	35.50
12623	2.03	2.00	2.59	2.00	.55	8.64	8.00	9.19	.....	18.56	17.00
12689	1.66	1.25	2.38	1.50	3.80	9.79	8.00	13.59	.....	19.40	13.88
12345	3.81	.....	.....	.....	.19	9.73	.....	9.92	.....	23.15	.....
12740	.....	.....	3.38	5.00	.18	12.43	10.00	12.61	.....	13.36	13.00
12624	1.25	1.00	2.66	2.00	.28	10.88	10.00	11.16	11.50	18.03	16.10
12566	5.16	5.00	5.40	5.00	1.13	7.56	7.00	8.69	8.00	31.47	29.90
12592	2.10	2.00	2.33	2.00	1.53	8.13	8.00	9.66	9.00	18.42	17.40
12741	2.56	2.25	.....	.....	2.13	12.72	12.00	14.85	.....	22.53	19.88
12593	.....	.....	.....	.....	.40	14.97	14.00	15.37	15.00	11.98	11.20
12742	7.90	8.00	5.78	5.00	.10	7.43	7.00	7.53	8.00	40.90	40.40
12594	4.30	4.00	.....	.....	.....	.....	.....	21.56	22.00	29.35	.....
12744	0.85	0.50	2.56	1.50	.90	8.05	7.00	8.95	8.00	12.16	9.05
12595	3.09	3.00	.....	.....	.....	.....	.....	14.91	14.00	21.98	.....
12537	2.63	2.00	3.70	4.00	.85	8.96	8.00	9.81	9.00	22.21	19.40
12743	1.24	1.00	2.79	2.00	1.18	8.20	8.00	9.38	9.00	15.80	13.90
12625	.....	.....	1.01	1.00	.30	10.72	9.00	11.02	10.00	9.65	8.40
12626	1.36	1.00	2.12	2.00	1.93	11.88	10.00	13.81	12.00	19.53	16.70
12627	1.26	1.00	2.01	2.00	2.03	12.31	9.00	14.34	.....	19.54	17.05
12628	.....	.....	.....	.....	2.85	15.45	14.00	18.30	16.00	12.36	11.20
12629	1.16	1.00	1.88	2.00	1.58	12.42	9.00	14.00	.....	18.99	14.50
12630	2.20	2.00	2.10	2.00	2.70	10.33	9.00	13.03	.....	21.21	18.00

No.	Name and Address of Manufacturer.	Name of Fertilizer	Place of Sampling. (and Sampler when not the College.)
12631	Ramsburg Fertilizer Company, Frederick, Md.	Queen	Monrovia
12596	Rasin-Monumental Company, Baltimore, Md.	Arundel Complete	Baltimore
12541	" " "	Early Truckers' Special	Baltimore
12540	" " "	Monumental Potato Manure.	Baltimore
12539	" " "	Rasin's Acid Phosphate	Baltimore
12664	" " "	Rasin's Ammoniated Super Phosphate.	Hagerstown
12597	" " "	Rasin's Bone and Potash.	Baltimore
12783	" " "	Rasin's Bone and Potash.	Hagerstown
12645	" " "	Rasin's Gold Standard	Greensboro
12598	" " "	Rasin's I. X. L. Fertilizer	Baltimore
12542	" " "	Rasin's Standard Tomato Grower.	Baltimore
12567	" " "	Rasin's XXX Fertilizer	Baltimore
12538	" " "	Special Fish and Potash Mixture.	Baltimore
12646	" " "	Special Formula for Corn and Tomatoes.	Cambridge
12647	" " "	Special Mixture for Vines and Vegetables.	Greensboro
12774	" " "	Truck Guano	Chase
12568	" " "	Truckers' Mixture	Baltimore
12745	" " "	Wm. Penn Crop Grower	Baltimore
12693	Chas. Schaeffer, Westminster, Md.	Governor	Westminster
12694	" " "	Leader	Westminster
12695	" " "	P.-A.-P	Westminster
12696	" " "	Super A	Westminster
12698	The Scott Fertilizer Company, Elkton, Md.	Corn and Oat Grower	Childs

No.	NITROGEN Calculated as AMMONIA.		POTASH, K_2O.		PHOSPHORIC ACID.					Comparative Value per Ton Found.	Comparative Value per Ton Guaranteed.
					Insoluble Found.	Available.		Total.			
	Found.	Guaranteed.	Found.	Guaranteed.		Found.	Guaranteed.	Found.	Guaranteed.		
12631	0.54	0.50	0.85	1.00	3.38	10.16	8.00	13.54	.....	$ 11.55	$ 9.55
12596	2.01	2.00	2.75	2.00	2.18	8.34	8.00	10.52	.....	19.00	17.00
12541	2.96	5.00	4.76	5.00	.83	6.16	6.00	6.99	.....	21.61	28.50
12540	0.78	1.00	4.54	4.00	.98	6.51	6.00	7.49	.....	12.68	13.50
12539	.....	.....	.....	.....	1.10	15.73	14.00	16.83	.....	12.58	11.20
12664	1.06	1.00	1.09	1.00	.85	7.75	8.00	8.60	.....	12.89	12.50
12597	.....	.....	3.07	2.00	1.00	7.23	10.00	8.23	.....	9.05	10.00
12783	.....	.....	1.35	2.00	1.25	10.52	10.00	11.77	.....	10.02	10.00
12645	3.04	3.00	5.97	6.00	2.43	6.77	6.00	9.20	.....	24.35	22.50
12598	1.11	1.00	3.33	3.00	1.83	7.47	9.00	9.30	.....	15.42	15.50
12542	1.02	1.00	3.02	3.00	1.23	9.14	8.00	10.37	.....	16.22	14.50
12567	1.96	2.00	4.10	5.00	2.70	8.39	8.00	11.09	.....	20.43	20.60
12538	1.77	2.00	3.07	3.00	1.13	6.50	6.00	7.63	.....	16.22	16.00
12646	.....	.....	3.89	3.00	.88	6.46	6.00	7.34	.....	9.24	7.80
12647	1.09	1.00	7.72	8.00	1.53	8.22	8.00	9.75	.....	20.37	19.90
12774	4.71	4.00	0.56	2.00	1.20	6.14	7.00	7.34	.....	23.67	23.00
12568	7.15	7.00	4.09	5.00	1.15	7.10	6.00	8.25	.....	36.63	35.50
12745	1.16	1.00	1.49	1.00	.72	8.01	8.00	8.73	.....	13.85	12.50
12693	1.51	1.50	2.91	2.50	.75	10.03	9.00	10.78	.....	18.53	16.75
12694	1.01	1.00	2.28	1.50	2.10	9.10	8.00	11.20	.....	15.76	13.00
12695	.....	.....	2.68	2.00	1.33	10.63	10.00	11.96	.....	11.45	10.00
12696	1.02	0.75	1.76	1.00	2.00	8.29	8.00	10.29	.....	14.42	10.03
12698	0.80	0.50	2.61	2.00	2.58	8.98	8.00	11.56	9.00	13.11	10.15

No.	Name and Address of Manufacturer.	Name of Fertilizer.	Place of Sampling (and Sampler, when not the College.)
12699	The Scott Fertilizer Co., Elkton, Md.	Potato and Truck Special.	Rising Sun.
12700	" " "	Sure Growth Super-Phosphate.	Rising Sun.
12701	" " "	Tip Top and Potash	Childs
12702	" " "	Tip Top Soluble Bone	Childs
12223	" " "	Tomato Fertilizer	Easton. (J. S. McDaniel.)
12746	Smith, Rouse & Webster, Bel Air, Md.	Formula No. 1 Corn and Tomato Grower.	Baltimore.
12747	" " "	Formula No. 2 Corn and Tomato Grower.	Baltimore.
12748	" " "	Pure Dissolved Bone	Baltimore.
12570	Southern Fertilizer Co., York, Pa.	Farmers' Choice Brand	Baltimore.
12632	" " "	Farmers' Mixture	Motter's Station
12569	" " "	General Crop Grower	Baltimore.
12710	" " "	Pure Ground Bone	Calvert
12633	" " "	Special Potato Grower	Motter's Station
12634	Geo. W. Stockdale, Thurmont, Md.	Ammoniated Super-Phosphate.	Thurmont.
12697	H. F. Stouffer, New Windson, Md.	Wheat Grower Phosphate	New Windsor
12767	W. H. Streett & Co., Fallston, Md.	Ammoniated Dissolved Bone.	Rocks.
12690	" " "	H. G. Bone Phosphate	Bradshaw.
12665	E. A. Talbott, Ellicott City, Md.	Ammoniated Bone Phosphate.	Ellicott City
12666	" " "	Grain and Grass Grower.	Ellicott City
12667	H. S. Taveau & Co., Baltimore, Md.	Allerton Guano	Baltimore.
12571	" " "	Dissolved S. C. Bone	Baltimore.
12749	" " "	Pride of Maryland	Baltimore.
12513	" " "	Special Compound	Baltimore.

No.	NITROGEN Calculated as AMMONIA.		POTASH, K_2O.		PHOSPHORIC ACID.					Comparative Value per Ton Found.	Comparative Value per Ton Guaranteed.
					Insoluble Found.	Available.		Total.			
	Found.	Guaranteed.	Found.	Guaranteed.		Found.	Guaranteed.	Found.	Guaranteed.		
12699	1.97	2.00	5.90	5.00	2.55	9.33	7.00	11.88	.....	$23.15	$19.00
12700	2.01	2.00	2.78	2.50	2.10	10.82	10.00	12.92	.....	21.48	19.50
12701	.....	.....	2.43	2.00	2.03	13.28	11.00	15.31	.....	13.46	10.80
12702	.....	.....	.....	.....	1.28	16.57	14.00	17.85	.....	13.26	11.20
12223	4.02	4.00	6.94	7.00	5.48	6.96	7.00	12.44	.....	30.16	28.00
12746	1.86	2.00	2.43	2.00	1.83	9.31	9.00	11.14	.....	19.08	18.60
12747	1.02	1.00	2.44	2.00	2.18	9.55	9.00	11.73	.....	16.43	15.10
12748	2.58	2.50	.....	.....	2.10	12.64	11.00	14.74	13.00	22.51	20.55
12570	1.38	1.00	2.37	2.00	1.15	9.08	9.00	10.23	.....	16.74	14.50
12632	.....	.....	2.12	2.00	.30	10.22	10.00	10.52	.....	10.36	10.00
12569	0.88	0.50	2.30	2.00	.90	8.16	8.00	9.06	.....	12.09	10.15
12710	4.01	4.00	.....	.....	.....	.....	.....	18.65	40.00	25.47	.....
12633	1.71	1.50	3.68	4.00	1.15	8.04	8.00	9.19	.....	18.17	17.25
12634	1.17	1.00	2.78	2.25	.68	10.26	9.00	10.94	.....	17.41	14.75
12697	0.85	0.50	2.53	2.50	3.03	11.77	7.50	14.80	9.50	15.54	10.65
12767	1.51	1.50	2.70	2.00	1.48	8.79	9.00	10.27	.....	17.37	16.85
12690	2.81	2.50	3.45	3.00	1.40	8.37	8.00	9.77	.....	22.22	20.35
12665	1.16	1.00	2.47	2.00	1.30	8.68	8.00	9.98	10.00	15.73	14.30
12666	1.93	2.00	3.39	3.00	.55	9.94	9.00	10.49	10.00	20.31	19.40
12667	2.37	2.50	2.70	2.50	1.18	9.01	9.00	10.19	.....	20.48	20.25
12571	.....	.....	.....	.....	1.45	14.31	14.00	15.76	.....	11.45	11.20
12749	1.40	1.25	3.35	2.50	1.05	9.30	10.00	10.35	.....	17.97	16.88
12513	3.72	4.00	3.69	4.00	1.35	9.20	8.00	10.55	.....	26.45	26.00

No.	Name and Address of Manufacturer.	Name of Fertilizer.	Place of Sampling (and Sampler when not the College.)
12502	H. S. Teveau & Co., Baltimore, Md.	10% Guano	Baltimore
12572	" " "	Wonder Potato and Tomato Manure.	Glenburnie
12668	D. A. Thomas, Hagerstown, Md.	Excelsior Fertilizer	Hagerstown
12214	" " "	Special Mixture	Hagerstown (Miller Wengert.)
12669	M. J. Tighe, Laurel, Md.	Crop Grower	Laurel
12670	" " "	Potato Fertilizer	Laurel
12615	W. B. Tilghman & Co., Salisbury, Md.	Fish, Bone and Potash	Salisbury
12614	" " "	Standard Fish Mixture	Salisbury
12616	" " "	Mixture "B"	Salisbury
12599	E. S. Truitt & Co., Salisbury, Md.	H. G. Truckers' Complete Fertilizer.	Baltimore
12600	" " "	Fish Mixture, XX	Baltimore
12768	Turner & Son, Betterton, Md.	XX Tomato, Potato and Truck Fertilizer.	Betterton
12573	Tuscarora Fertilizer Co., Baltimore, Md.	Acid Phosphate	Baltimore
12648	" " "	Alkaline	Henderson
12671	" " "	Animal Bone	Baltimore
12649	" " "	Big (4) Four	Henderson
12650	" " "	Bone and Potash	Henderson
12601	" " "	Fruit and Potato	Baltimore
12750	" " "	Standard Phosphate	Baltimore
12769	" " "	Tuscarora Trucker	Kennedysville
12651	" " "	York State Special	Henderson
12777	The J. E. Tygert Co., Philadelphia, Pa.	Ammoniated Super-Phosphate.	Childs
12778	" " "	Bone Phosphate	Childs

No.	NITROGEN Calculated as AMMONIA.		POTASH, K_2O.		PHOSPHORIC ACID.					Comparative Value per Ton Found.	Comparative Value per Ton Guaranteed.
					Insoluble Found.	Available.		Total.			
	Found.	Guaranteed.	Found.	Guaranteed.		Found.	Guaranteed.	Found.	Guaranteed.		
12502	10.27	10.00	3.17	3.00	.95	5.65	5.00	6.60	.....	$45.15	$43.00
12572	2.30	2.00	5.10	5.00	1.10	8.25	8.00	9.35	.....	21.84	20.00
12668	2.13	2.00	4.85	4.00	.58	8.94	8.00	9.52	.....	21.48	19.00
12214	2.51	2.00	5.39	5.00	1.30	11.56	10.00	12.86	.....	26.26	22.00
12669	1.40	1.00	1.62	1.00	4.58	8.61	8.00	13.19	.....	16.96	12.50
12670	2.22	2.00	2.54	2.00	2.75	8.88	8.00	11.63	.....	20.29	17.00
12615	1.01	1.00	1.48	2.00	1.33	11.99	10.00	13.32	.....	17.54	15.50
12614	2.76	3.00	1.96	2.00	1.55	9.47	7.00	11.02	.....	21.71	19.50
12616	3.60	4.00	4.19	3.00	1.13	8.61	8.00	9.74	.....	25.85	25.00
12599	4.21	4.00	4.30	4.00	1.08	7.92	7.00	9.00	9.00	27.39	25.80
12600	2.95	3.00	2.22	2.00	1.03	9.64	8.00	10.67	10.00	22.60	21.30
12768	2.10	2.00	4.75	4.00	1.93	7.88	7.00	9.81	.....	20.75	18.00
12573	.....	.....	.....	.....	.33	14.72	14.00	15.05	.....	11.78	11.20
12648	.....	.....	5.71	5.00	.55	11.12	10.00	11.67	.....	14.72	13.00
12671	3.28	3.00	.....	.....	.....	.....	.....	26.25	24.00	32.82	.....
12649	2.17	2.00	4.62	4.00	1.63	7.76	7.00	9.39	.....	20.63	18.00
12650	.....	.....	2.53	2.00	.75	10.30	10.00	11.05	.....	10.92	10.00
12601	2.15	2.00	10.42	10.00	.73	9.03	8.00	9.76	.....	27.27	25.00
12750	2.03	2.00	2.51	2.00	1.13	9.80	8.00	10.93	.....	19.87	17.00
12769	5.63	5.00	7.76	7.00	.15	8.81	8.00	8.96	.....	36.33	32.50
12651	1.11	1.00	4.57	4.00	.78	8.01	8.00	8.79	.....	16.78	15.50
12777	1.34	1.50	1.86	1.50	.86	8.01	8.00	8.87	9.50	14.90	15.35
12778	2.05	2.25	2.53	2.50	1.43	8.63	9.00	10.06	11.00	18.91	20.18

No.	Name and Address of Manufacturer.	Name of Fertilizer.	Place of Sampling (and Sampler when not the College.)
12781	The J. E. Tygert Company, Philadelphia, Pa.	5% Potato Guano	Snow Hill
12779	" " "	Popular Phosphate	Childs
12780	" " "	Tomato Fertilizer	Childs
12770	Abraham Waltmyer, Stewartstown, Pa.	Potato Grower	Pylesville
12652	S. L. Webster & Son, Cambridge, Md.	Acid Phosphate	Two Johns
12751	" " "	Ammoniated Bone Fertilizer.	Baltimore
12776	" " "	No. 1. Ammoniated Bone Phosphate.	Baltimore
12752	" " "	No. 2. Ammoniated Bone Phosphate.	Baltimore
12602	" " "	(W. & S.) Fish Mixture	Baltimore
12753	" " "	Times Brand Bone Phosphate.	Baltimore
12771	Harry W. Whistler, Fountain Green, Md.	Crop Grower	Sharon
12772	O. M. Whitaker, Reckord, Md.	Complete Fertilizer	Bel Air
12773	" " "	Fine Ground Raw Bone	Bel Air
12574	The Woolridge Orchilla Co., Baltimore, Md.	Cyclone	Baltimore
12754	" " "	F. F. V.	Baltimore
12603	" " "	Faultless Ammoniated Bone Phosphate.	Baltimore
12672	" " "	Orchilla Guano	Baltimore
12604	" " "	"Tiger" Bone Stock Phosphate.	Baltimore
12543	The Rob't A. Woolridge Co., Baltimore, Md.	Champion Giant Phosphate	Baltimore
12617	" " "	Chieftain Bone Stock Phosphate.	Snow Hill
12575	" " "	Double Quick Pure Bone Phosphate.	Baltimore
12500	" " "	Eclipse Animal Bone	Baltimore
12673	" " "	Florida Acid Phosphate	Oakland

No.	NITROGEN Calculated as AMMONIA.		POTASH. K_2O.		PHOSPHORIC ACID.					Comparative Value per Ton Found.	Comparative Value per Ton Guaranteed.
					Insoluble Found.	Available.		Total.			
	Found.	Guaranteed.	Found.	Guaranteed.		Found.	Guaranteed.	Found.	Guaranteed.		
12781	4.88	5.00	5.06	3.00	.45	6.57	7.00	7.02	.....	$28.89	$27.50
12779	0.82	1.00	1.65	2.00	.61	7.01	7.00	7.62	8.00	10.25	12.90
12780	.82	2.00	4.43	5.00	.93	7.89	7.00	8.82	8.00	19.06	19.40
12770	2.17	2.00	8.67	8.00	.78	9.04	8.00	9.82	.....	25.62	23.00
12652	.....	.....	.....	.....	4.38	12.54	14.00	16.92	.....	10.03	11.20
12751	0.92	0.50	5.58	4.00	2.60	6.89	8.00	9.49	9.50	14.83	12.45
12776	3.05	2.50	4.65	2.50	3.10	6.95	10.00	10.05	.....	23.52	21.25
12752	2.39	2.00	3.93	2.00	1.68	5.18	8.00	6.86	.....	18.15	17.00
12602	1.82	1.50	2.78	2.00	2.38	6.70	8.00	9.08	.....	16.80	15.25
12753	0.60	0.50	4.36	3.00	1.18	7.75	9.00	8.93	10.50	12.90	12.25
12771	1.36	1.50	2.57	2.00	3.85	8.93	8.00	12.78	.....	17.80	15.25
12772	2.11	2.00	2.05	2.00	1.50	10.30	9.00	11.80	.....	20.34	18.00
12773	4.65	4.00	.....	.....	.....	.....	.....	21.65	45.00	28.08	.....
12574	3.29	3.00	3.45	3.00	.90	8.09	8.00	8.99	.....	23.42	22.30
12754	3.02	3.00	7.63	7.00	1.60	7.54	7.00	9.14	.....	26.38	25.10
12603	1.82	2.00	2.27	2.00	1.28	9.73	8.00	11.01	.....	18.88	17.80
12672	.....	.....	.....	.....	10.93	6.37	4.00	17.30	.....	7.29	5.80
12604	1.50	1.25	4.79	4.50	1.43	8.73	8.00	10.16	.....	19.34	17.48
12543	1.24	1.00	2.37	2.00	1.18	9.22	9.00	10.40	.....	16.41	14.60
12617	1.28	2.00	2.42	2.00	1.05	9.16	8.00	10.21	.....	16.48	17.60
12575	2.90	2.75	3.17	3.00	1.60	9.01	9.00	10.61	.....	22.97	21.64
12500	10.44	10.00	3.69	3.00	1.13	7.24	5.00	8.37	.....	47.92	43.40
12673	.....	.....	.....	.....	.98	15.07	14.00	16.05	15.00	12.06	11.20

No.	Name and Address of Manufacturer.	Name of Fertilizer.	Place of Sampling, (and Sampler, when not the College.)
12605	The Robt. A. Woolridge Co., Baltimore, Md.	German Potash Mixture.	Baltimore.
12505	" " "	Golden Crown Animal Bone Truck Phosphate..	Baltimore
12576	" " "	Liberty Bell Potash Mixture.	Baltimore
12755	" " "	Pure Raw Bone	Baltimore
12577	" " "	Special Potato Fertilizer..	Baltimore
12756	" " "	Sweep Stakes "Sure Shot" Truck Phosphate.	Baltimore
12544	" " "	Triumph Pure Bone Phosphate.	Baltimore
12758	Home Fertilizer Chemical Works, Baltimore, Md.	Cerealite Top Dressing...	Baltimore

No.	NITROGEN Calculated as AMMONIA.		POTASH, K_2O.		PHOSPHORIC ACID.					Comparative Value per Ton Found.	Comparative Value per Ton Guaranteed.
					Insoluble Found.	Available.		Total.			
	Found.	Guaranteed.	Found.	Guaranteed.		Found.	Guaranteed.	Found.	Guaranteed.		
11605	.....	.....	2.17	2.00	.53	10.01	10.00	10.54	.....	$10.29	$10.00
12505	7.43	7.00	4.86	5.00	.95	7.53	7.00	8.48	.....	38.78	36.90
12576	.....	.....	2.63	3.00	.38	12.83	12.00	13.21	.....	12.97	12.80
12755	4.64	4.50	.....	.....	.....	.....	.....	22.00	45.00	~~33.12~~ 27.72	.....
12577	2.13	2.00	5.54	5.00	.90	9.42	9.00	10.32	.....	22.78	21.60
12756	2.83	3.00	5.86	8.00	.90	8.49	7.00	9.39	.....	24.62	25.90
12544	2.01	1.50	4.19	4.00	1.13	8.40	8.00	9.53	.....	20.08	18.05
12758	9.02	9.00	4.56	2.50	.....	.....	.....	.....	.....	36.13	34.00

Table Showing Mechanical Analysis of Ground Bone.

(The Chemical Analysis is Given in the Preceding Table.)

No.	NAME AND ADDRESS OF MANUFACTURER.	NAME OF FERTILIZER.	Fine Less than 1-50 inch.	Fine-Medium 1-25 to 1-50 Inch.	Medium 1-25 to 1-12 inch.	Coarse Larger than 1-12 inch.
12378	American Agricultural Chemical Co., New York, N. Y.	Fine Ground Bone	50	33	15	2
12288	American Agricultural Chemical Co., New York, N. Y.	Pure Ground Bone	34	32	33	1
12444	American Agricultural Chemical Co., (Zell,) Balto., Md.	Pure Ground Bone	26	29	40	5
9625	Armour Fertz. Wks., Baltimore, Md.	Bone Meal	46	39	14	1
12399	Armour Fertz. Wks., Baltimore, Md.	Raw Bone Meal	39	46	13	2
12498	Baltimore Fertilizer Company, Baltimore, Md.	Pure Fine Ground Bone Meal	24	46	28	2
12278	Baugh & Sons Co., Baltimore, Md.	Raw Bone Meal	47	51	2	0
12435	Charles E. Bond, Spencerville, Md.	Pure Raw Bone	10	39	43	8
12440	Griffith & Boyd, Baltimore, Md.	Pure Ground Bone Meal	42	33	24	1
12376	Griffith & Turner Company, Baltimore, Md.	Soft Ground Bone	51	29	19	1
12762	S. M. Hess & Bro., Philadelphia, Pa.	Ground Bone	32	30	20	18
12518	The Hubbard Fertilizer Company, Baltimore, Md.	Warranted Pure Raw Bone	41	30	27	2
12714	S. L. Lamberd Company, Baltimore, Md.	Pure Fine Ground Bone Meal	29	37	27	7
12682	The D. B. Martin Co., Philadelphia, Pa.	Ground Bone	44	34	19	3
12684	The D. B. Martin Co., Philadelphia, Pa.	Raw Bone Meal	18	27	32	23
12657	Miller Fertilizer Company, Baltimore, Md.	Ground Bone	50	33	15	2
12206	Norton Manufacturing Company, Washington, D. C.	Bone	35	38	23	4
12589	G. Ober & Sons Co., Baltimore, Md.	Pure Bone Meal	45	48	7	0
12686	G. Ober & Sons Co., Baltimore, Md.	Pure Raw Bone	22	29	27	22
12736	Piedmont-Mt. Airy Guano Company, Baltimore, Md.	Bone Meal	36	26	27	11
12594	The Pollock Fertilizer Company, Baltimore, Md.	Ground Animal Bone	39	26	32	3
12595	The Pollock Fertilizer Company, Baltimore, Md.	Soft Ground Bone	65	13	12	10
12710	The Southern Fertilizer Company, York, Pa.	Pure Ground Bone	36	31	18	15
12671	Tuscarora Fertilizer Company, Baltimore, Md.	Animal Bone	54	33	12	1
12773	O. M. Whitaker, Reckord, Md.	Fine Ground Raw Bone	20	34	35	11
12755	The Robt. A. Woolridge Company, Baltimore, Md.	Pure Raw Bone	23	30	25	22

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